

OASIS

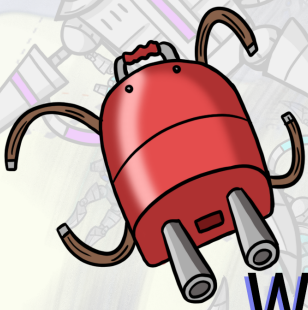
CyberDetective



COMIC PART 5 OF 6



PART 5/6



Welcome to the World of Oasis
where its inhabitants are kept safe by the
technology they surround themselves
with as they try to rebuild their lives.
In this episode the detective
starts to fit the pieces together.

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CyBOK

CROWNROOT
publications



University of
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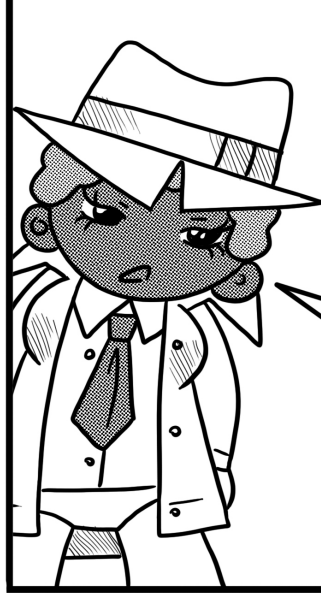


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I've lost the Rain Maker...



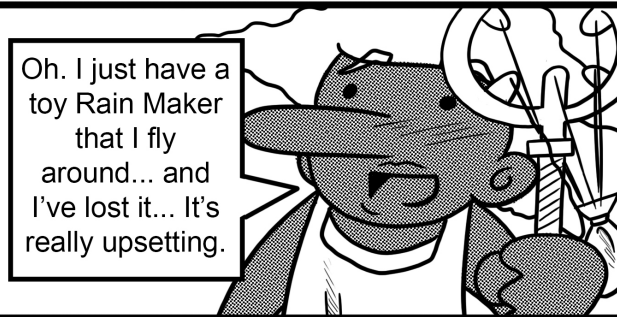
What do you mean you lost the Rain Maker? It's stationed. In fact I'm meant to be finding out why it didn't fly today.



Damn, I wasn't supposed to say anything...



C'mon kid. Some serious stuff is happening. I need you to tell me everything.



Oh. I just have a toy Rain Maker that I fly around... and I've lost it... It's really upsetting.



Kid. this is a serious issue. I'm gonna need you to tell me the whole truth.

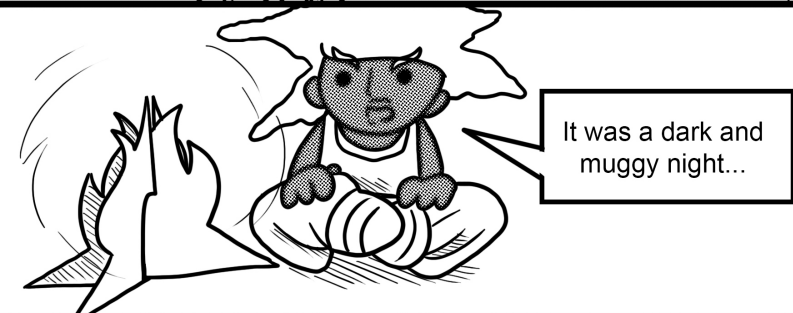
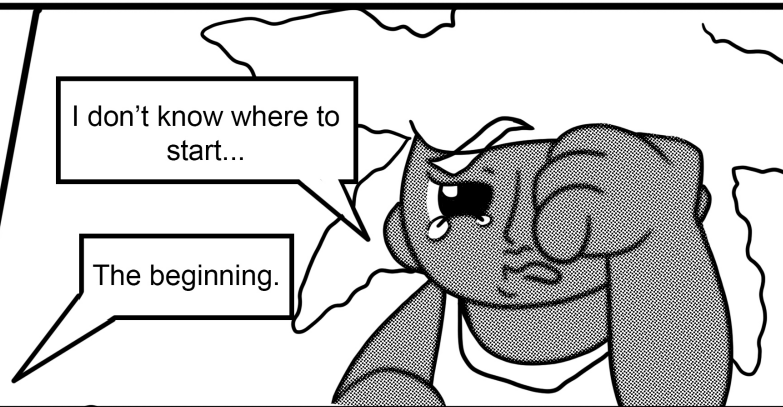
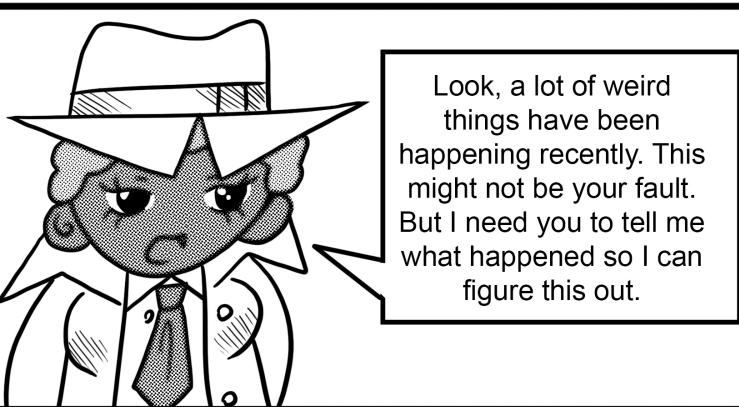


How could I lie to a woman of such order and honour? I did lose the Rain Maker and it's all my fault. I will pay the ultimate price... and I will never talk again.



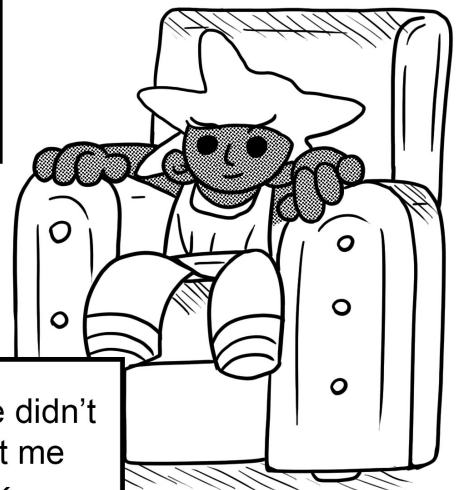


I don't know what to do. I'm never gonna make friends again.

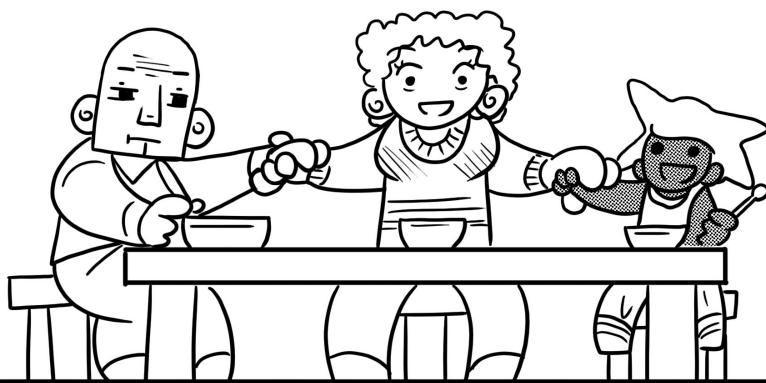




My mother's husband was a poor working class man, but was always a genius in my eye.



I always felt like he didn't like me but he let me watch him work...



...And let me eat his food.

But where we lived, resources were low...



And they'd been harbouring me in secret. By the time I was 4 or 5 years old too many people were asking too many questions.



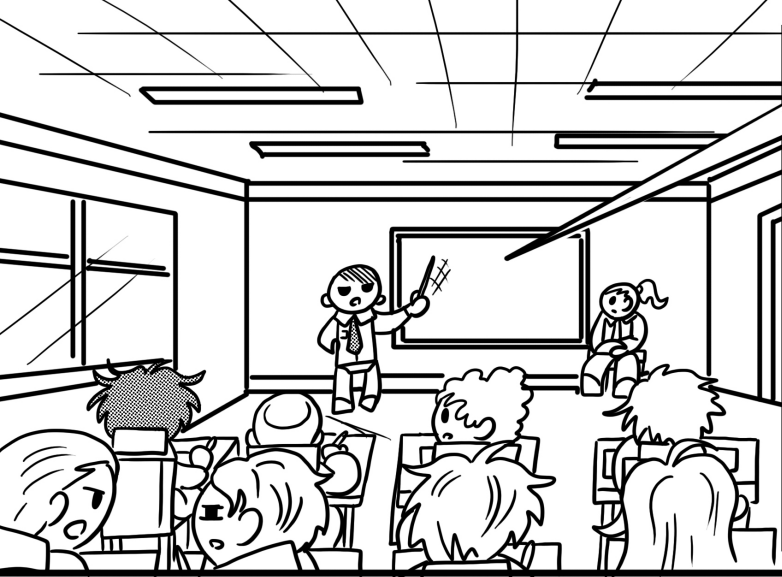
And my parents couldn't afford the tax with declaring me officially...



So in the end they paid to have me snuck into Oasis knowing that there were more resources here and that if I got in I would have a better chance of survival...



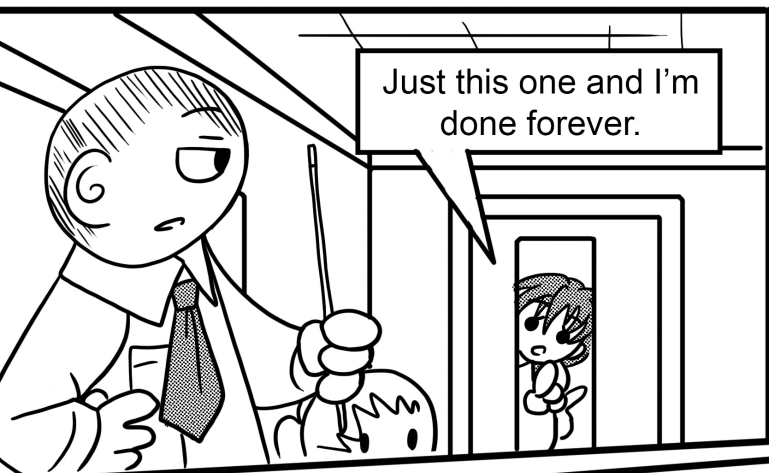
It turns out that connection was with one of the schools of Oasis...



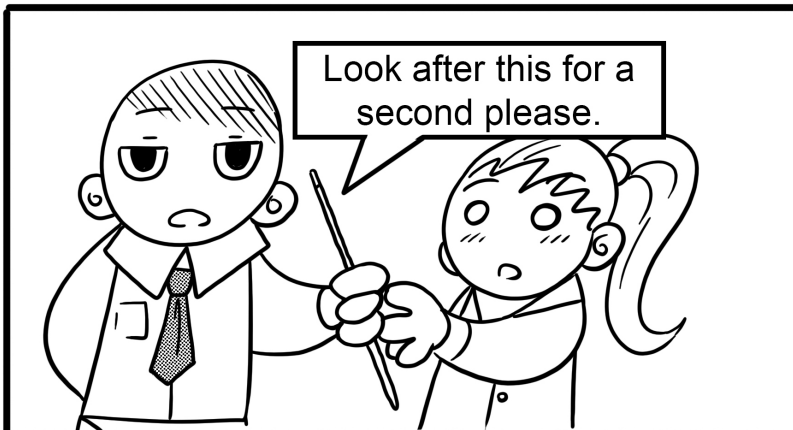
Secure network design must balance concerns of cost and performance against the benefits of segmenting traffic as much as possible. An early example of this is network perimeter protection. This idea was inspired by the low-tech but effective ancient method of using walls to keep out your adversary. A perimeter network, known as a demilitarised zone, is created.

All external and untrusted users are restricted to connecting only to this zone, which is where an organisation's public web server and authoritative domain name system might be placed.

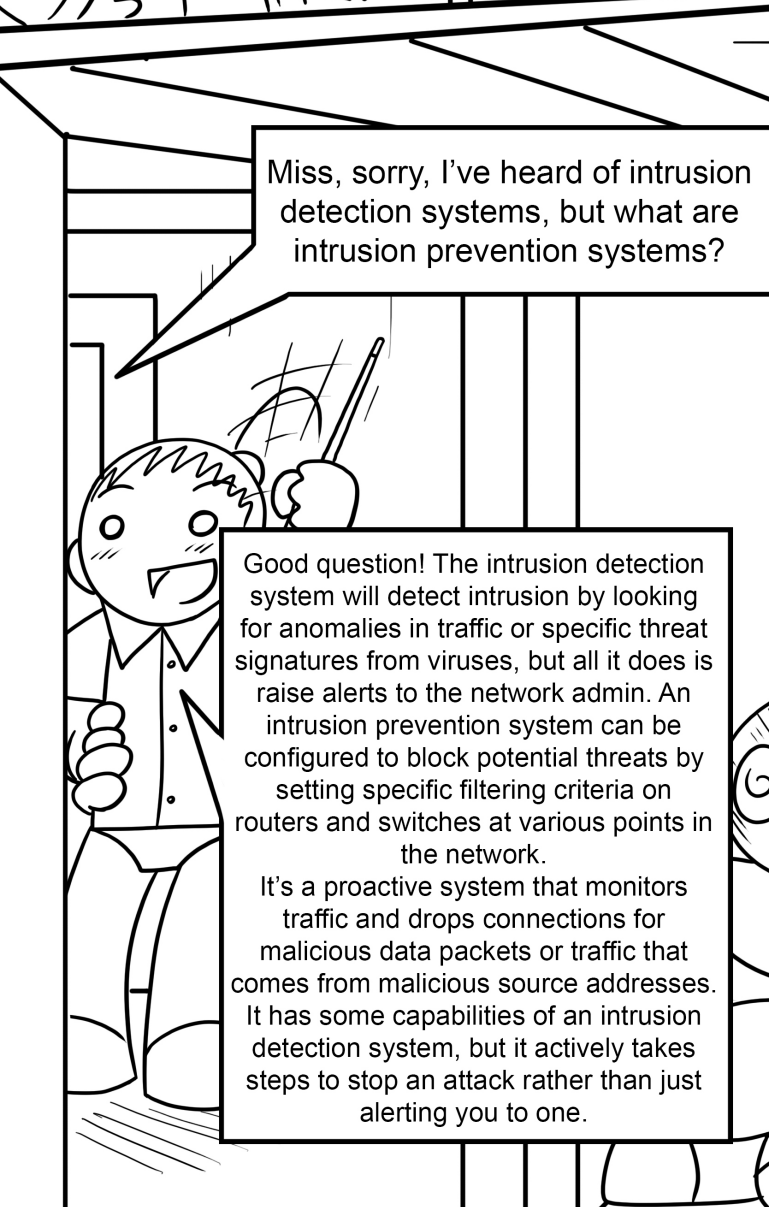
The rest of the network is further partitioned into several security zones, such as an isolated network for a payments database and other critical functions. Each zone is managed by an Intrusion Detection system or an Intrusion Prevention System that- sorry, yes, you in the back.



Just this one and I'm done forever.



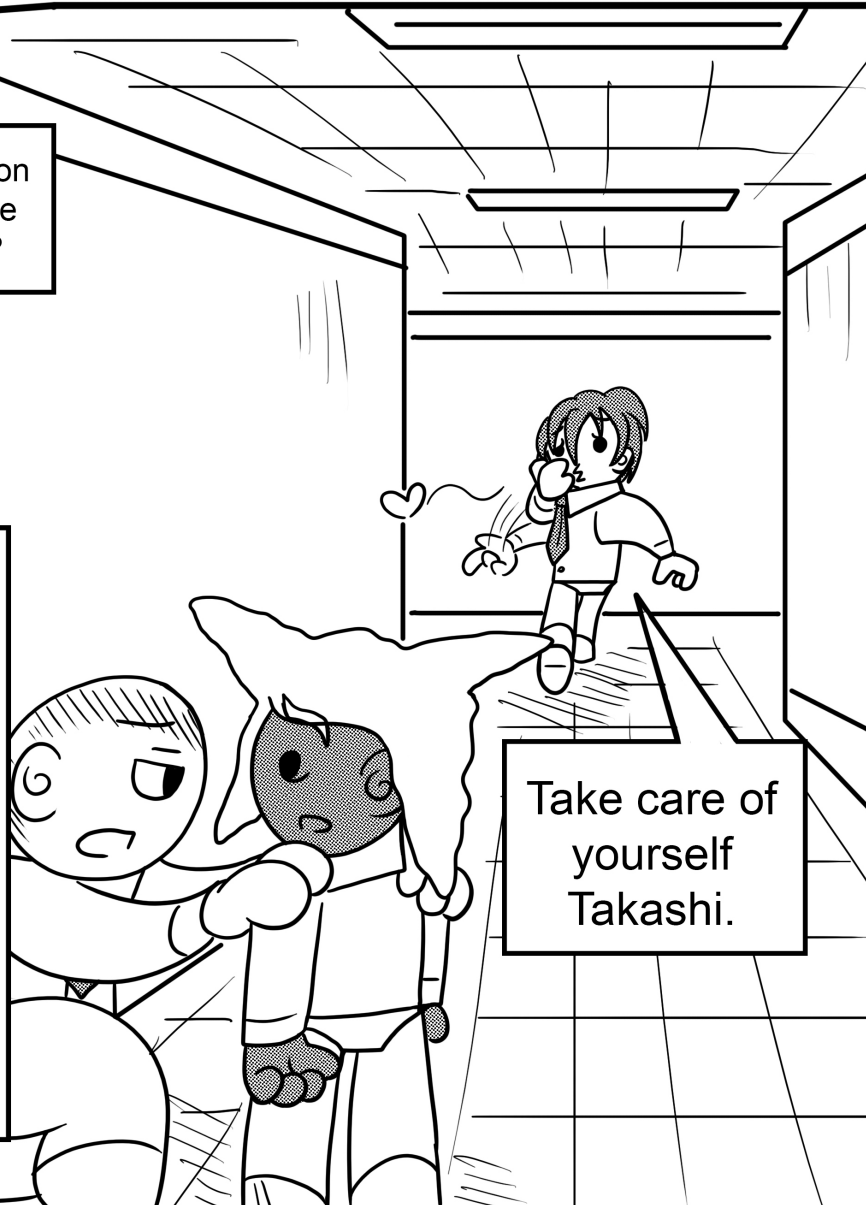
Look after this for a second please.



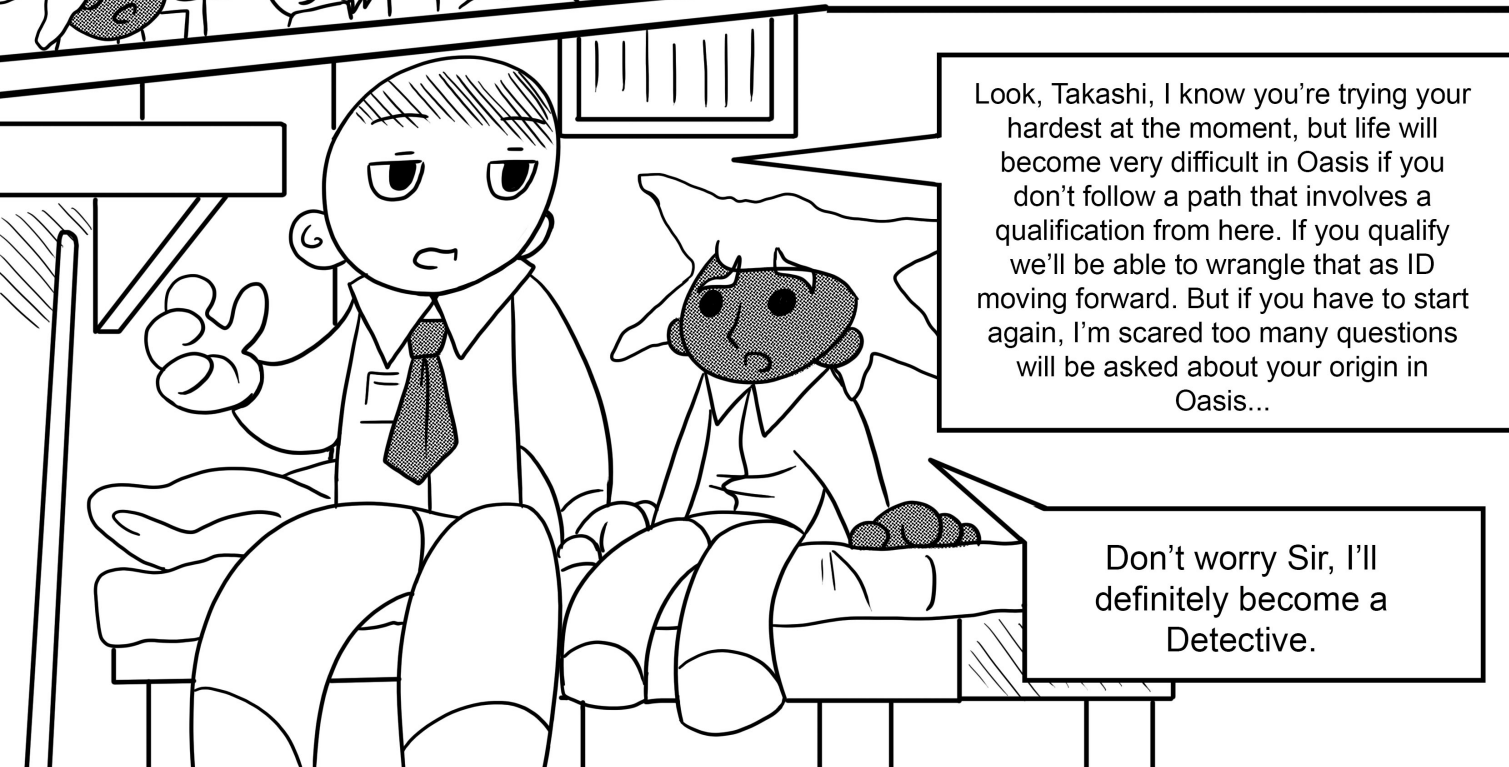
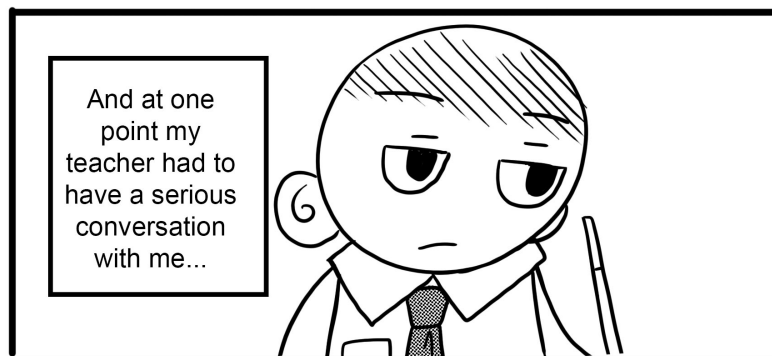
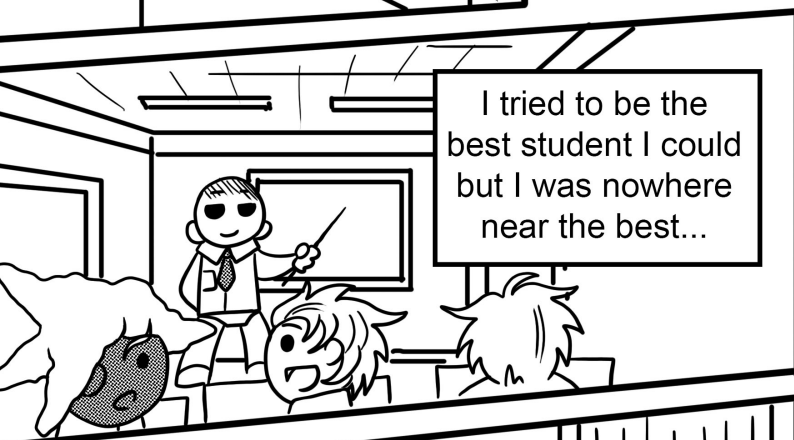
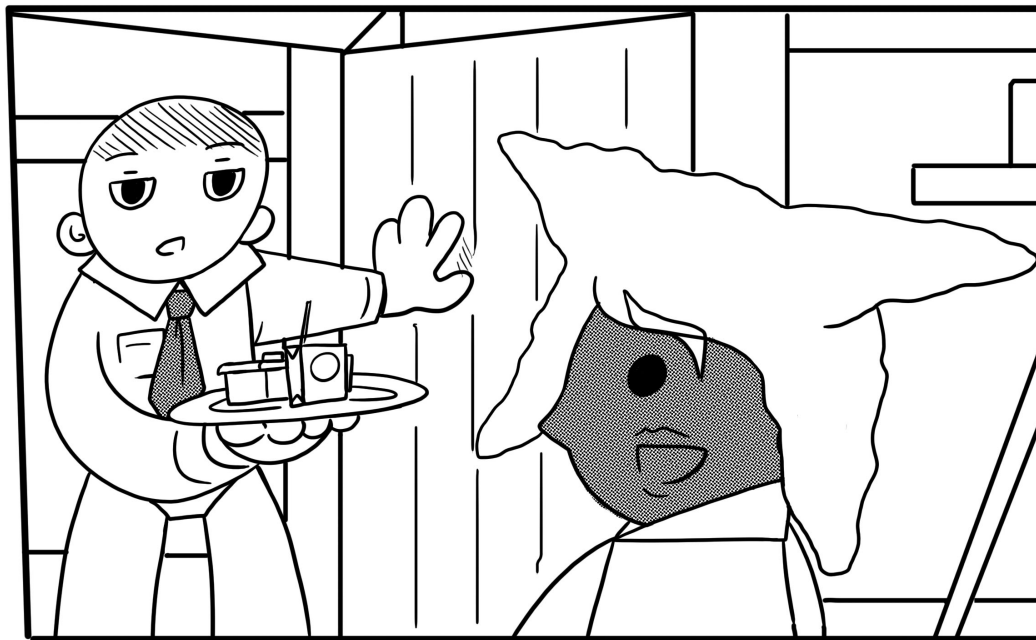
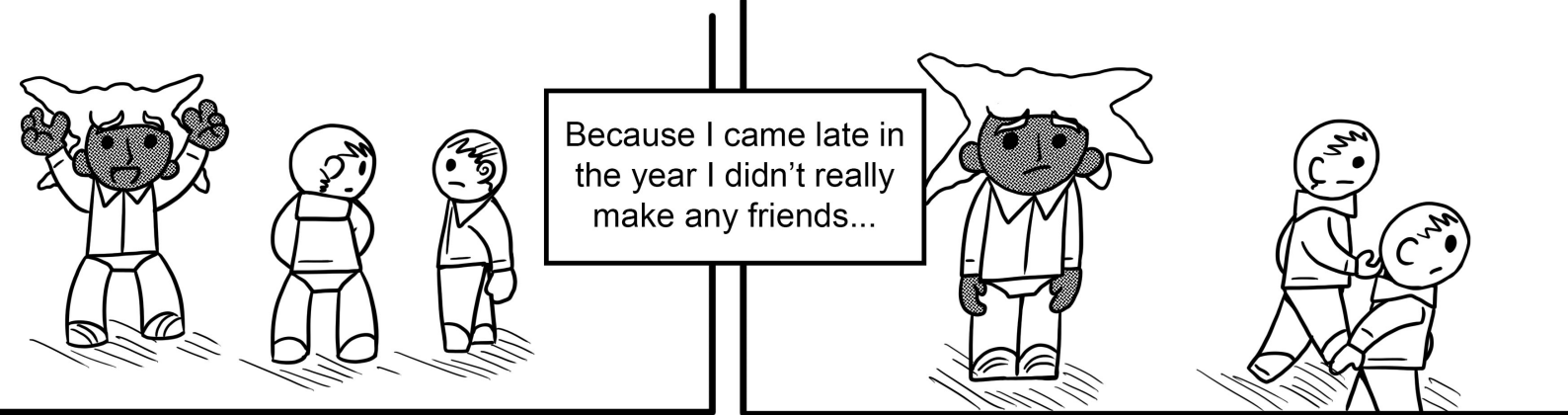
Miss, sorry, I've heard of intrusion detection systems, but what are intrusion prevention systems?

Good question! The intrusion detection system will detect intrusion by looking for anomalies in traffic or specific threat signatures from viruses, but all it does is raise alerts to the network admin. An intrusion prevention system can be configured to block potential threats by setting specific filtering criteria on routers and switches at various points in the network.

It's a proactive system that monitors traffic and drops connections for malicious data packets or traffic that comes from malicious source addresses. It has some capabilities of an intrusion detection system, but it actively takes steps to stop an attack rather than just alerting you to one.

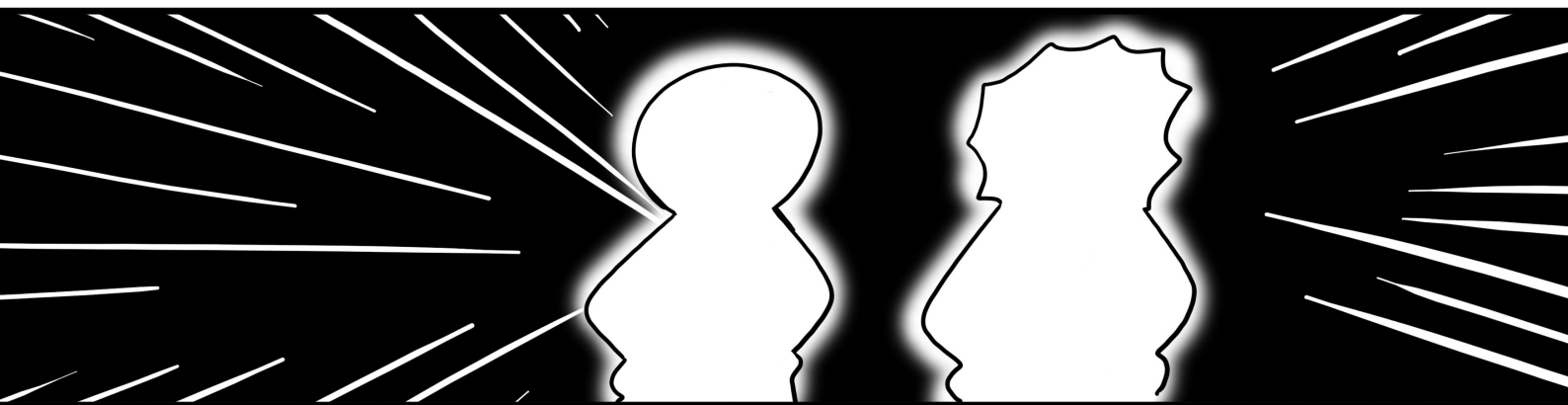


Take care of yourself Takashi.





So instead of trying to make friends I just worked as hard as I could and made great improvements. As I did better, people seemed to like me more. I guess that's what people respect around here. During the final exams I was really trying my hardest, but if I'm honest I wasn't very confident. Then I was visited by two masterminds...



Hey, man, I heard about your story. Things must have been hard for you.

But we're here to give you some real information.



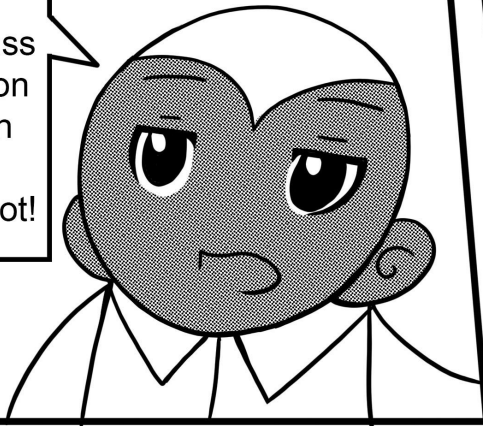
We had to mark some of the papers and there isn't a way that you can pass to become a detective...

Well thanks guys... I'll just see myself out now...



No no no wait! It's not all lost!

If you can pass the perception test you can definitely become a pilot!



The trick with the perception test is to not try and fly around getting all the spheres, but to carefully move around and collect the taurus on the floor.



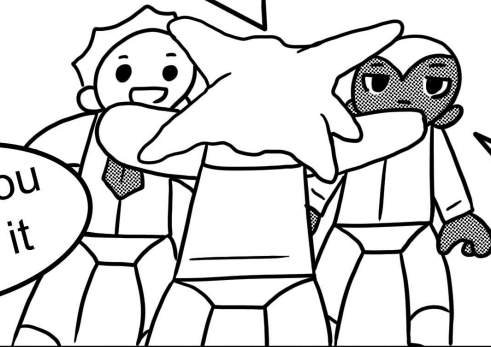
It may look like there aren't many and it's dangerous, but each time you pick one up a new one appears somewhere in the level!



Thank you guys so much!!

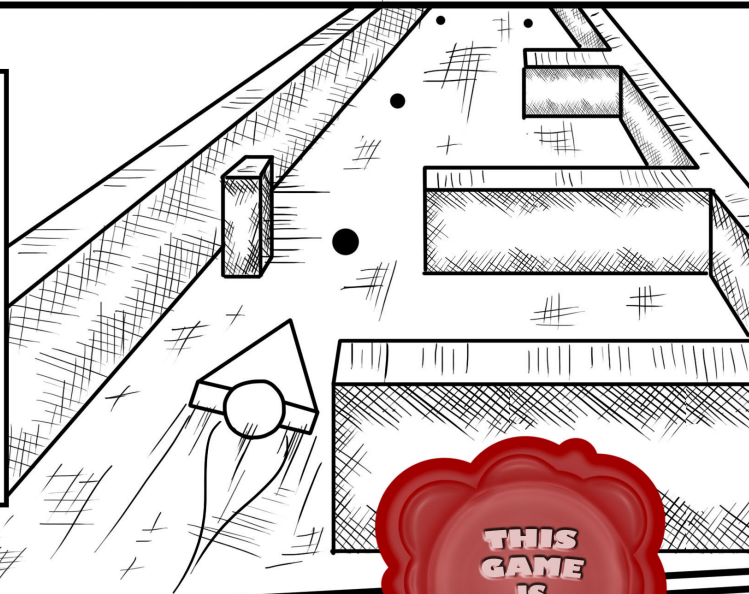
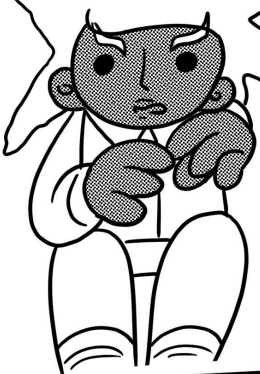
I know you can do it

It's ok



Given all this information I purposefully went last on the perception test...

...and watched everybody. Most people failed to get the 2000 points, but one person did manage to do it, but in a super hard way, that took super long and looked impossible...



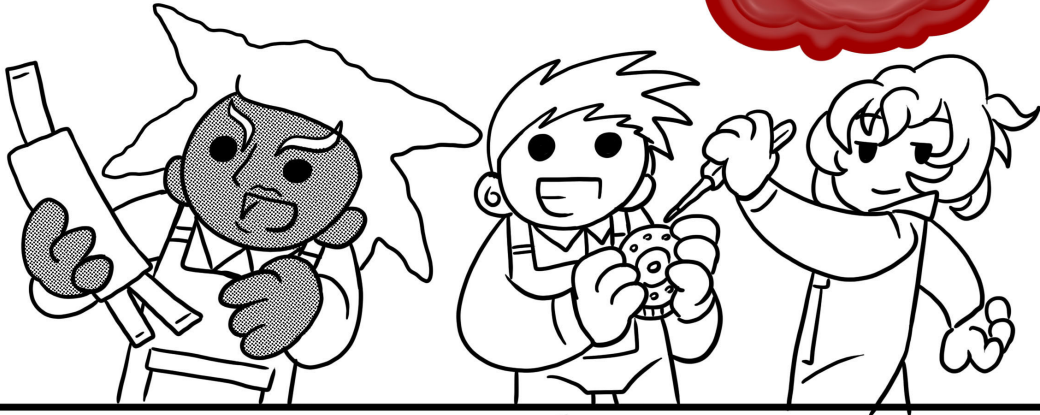
THIS GAME IS PLAYABLE!



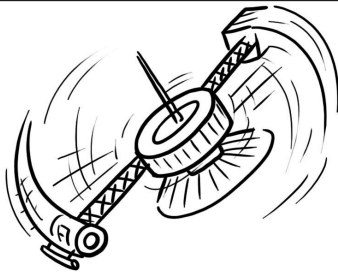
When it came to my turn I was very cautious and took my time, but the information the older lot gave me, worked like a T. The people monitoring me were definitely impressed. That got me to the next stage where they tested us on a load of mechanical stuff...

THIS
GAME
IS
PLAYABLE!

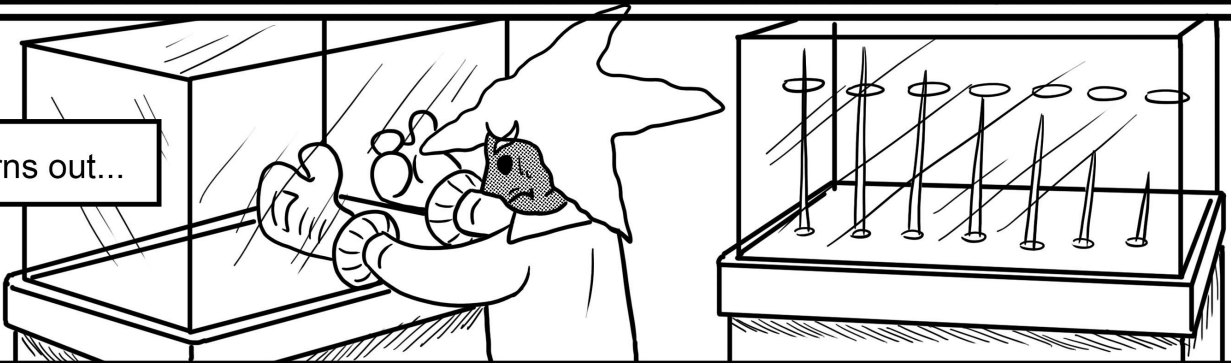
This was great because even if I didn't make it as a pilot I was more than likely going to have a job maintaining it.



But after all the tests...

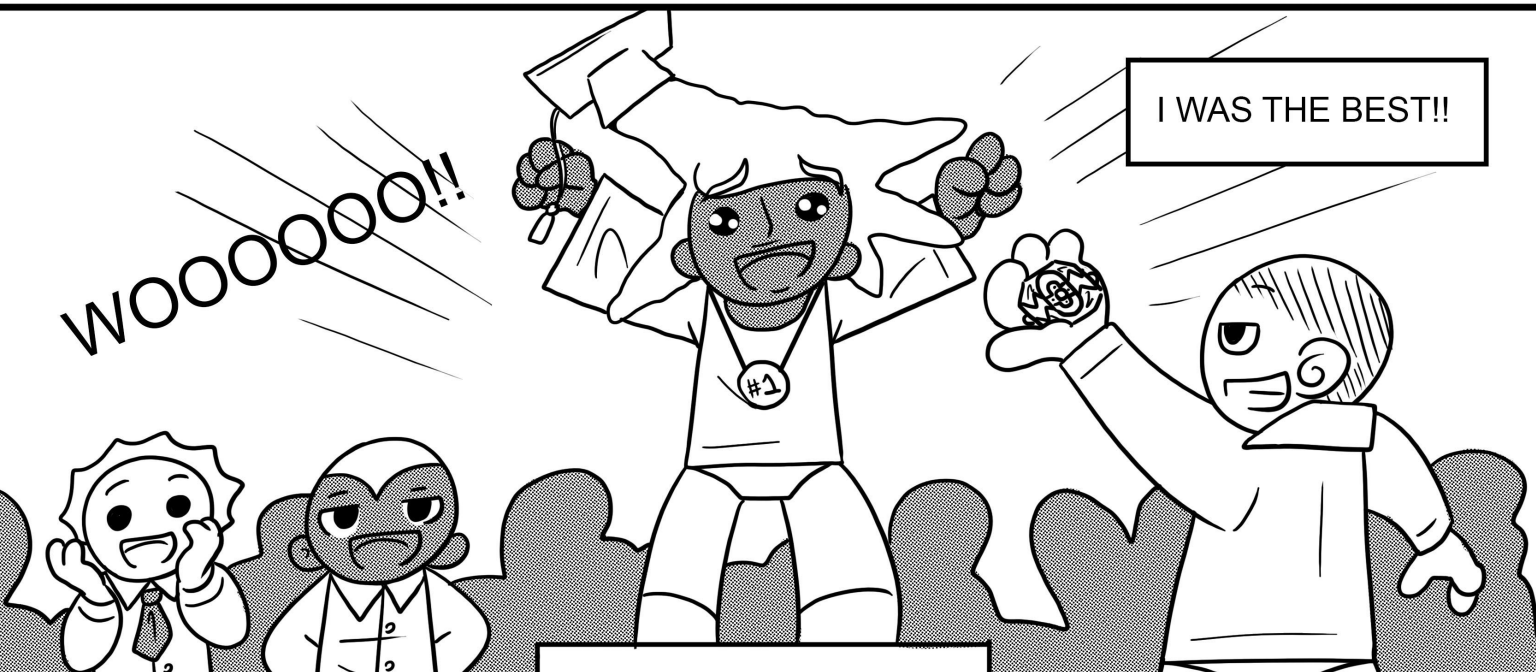


It turns out...



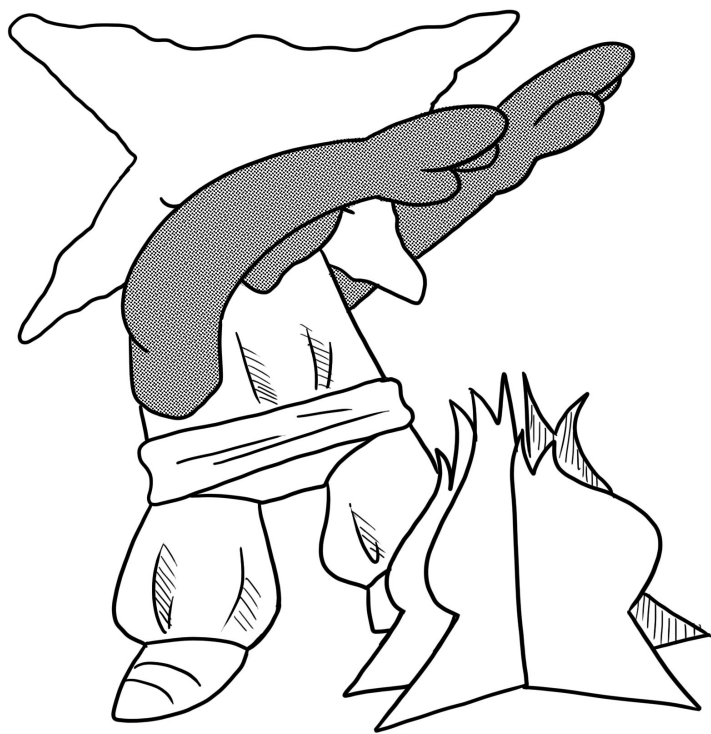
I WAS THE BEST!!

WOOOOOOO!!

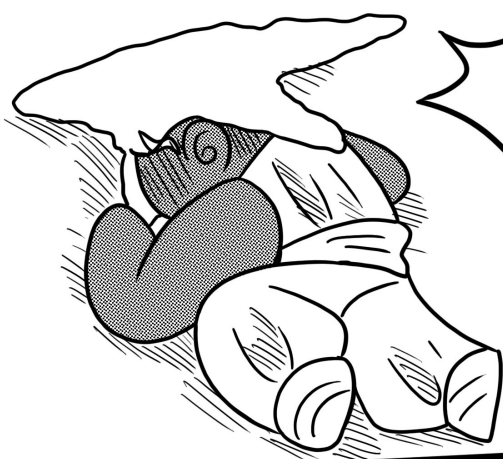
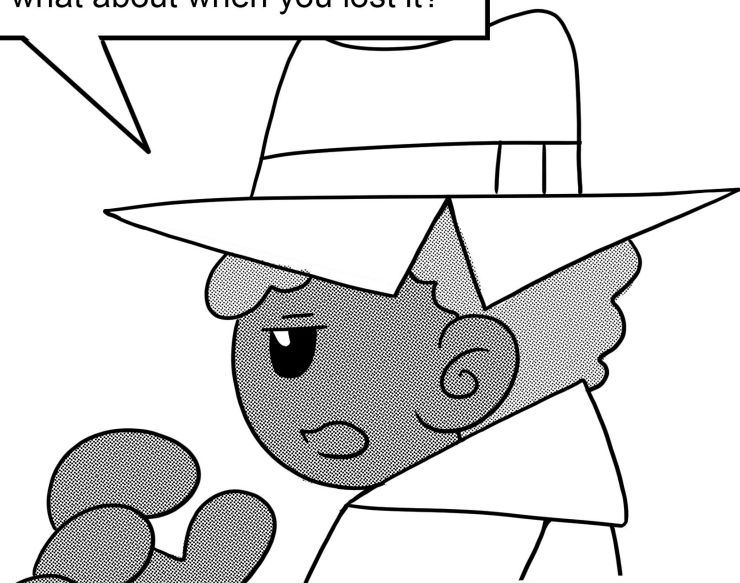




TAKASHI MIYAGI!
11 YEARS OLD!
RAIN MAKER PILOT!!

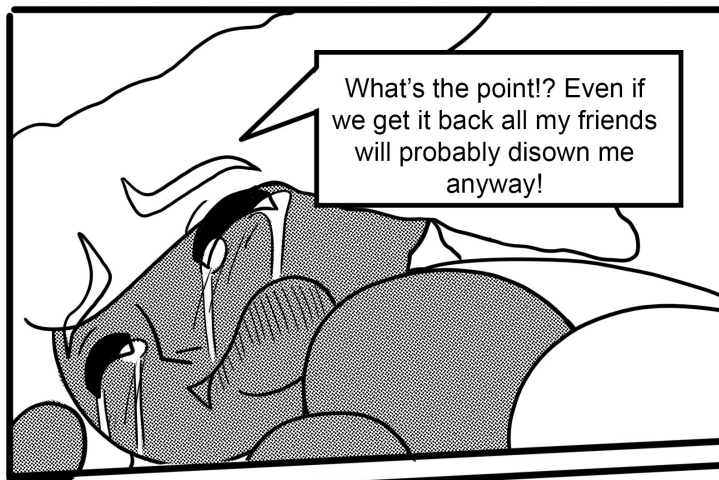


That's a very touching story but what about when you lost it?



AH! I lost the Rain Maker!

Get up! C'mon I need to hear this information.



What's the point!? Even if we get it back all my friends will probably disown me anyway!

Is this really how the story ends for you? You go through that whole epic journey just to take this L?



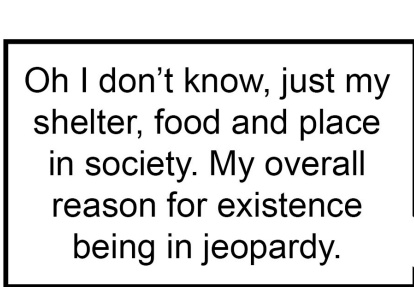
I really don't know what happened. I did my service yesterday, everything was fine. Then that random blackout happens-

That looked crazy from the sky by the way. Even though it was day it was noticeable... I get back to the station, some reset processes are going on due to the blackout but nothing major. I locked down everything like I'm supposed to. I come in the next day and the Rain Maker's gone!





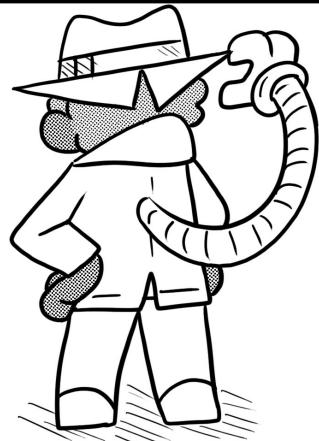
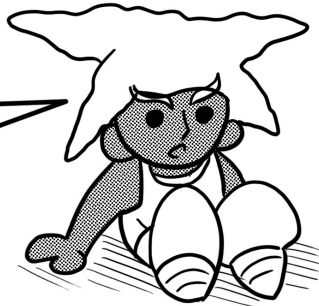
So why didn't you tell anyone?



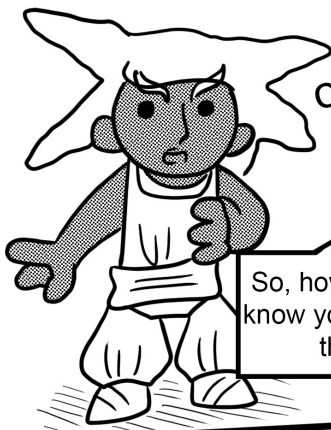
Oh I don't know, just my shelter, food and place in society. My overall reason for existence being in jeopardy.

Well didn't anybody notice?

I kinda just blagged it to be honest. I don't know how that worked...

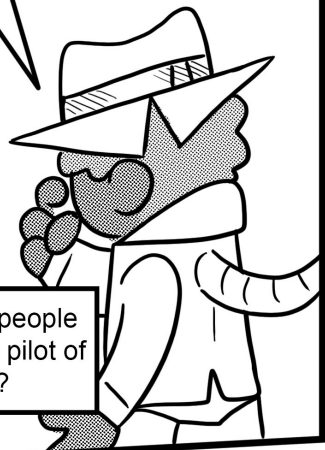


If you're saying it's been gone since this morning I know. Since then its GPS location was still saying it's stationed...



oh...

So, how many people know you're the pilot of this thing?



Very few people - Pilots are always very top secret.



Well your school has records, someone could have manipulated them with an SQL Injection.

They couldn't have used an SQL Injection to get into the database.

Why not? It's a common attack.

Because they used prepared statements to process all the user input. That means the attackers can't input arbitrary SQL code fragments and therefore any attempt by them to query the database would have resulted in an invalid parameter.

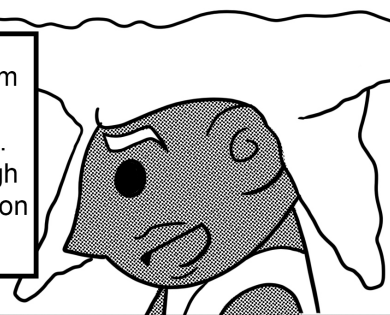


Oh so you do kinda know about cyber security



I wasn't hot on it in school but I've picked up some along the way. What does somebody knowing I'm the pilot effect anyways?

I'm not sure. I'm still trying to figure this out. Let's go through the authentication process-



Wait, I can hear something!

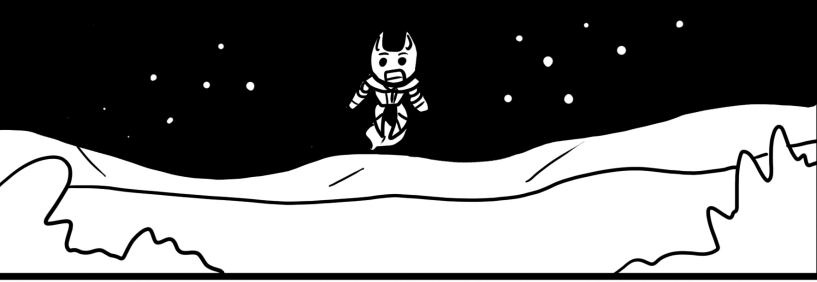


Yes that's it!

That's the Rain Maker over there. I'd know that sound anywhere.

How's it flying right now?

Don't worry about that...



This might be a problem..



This is a very big problem!



I need you to tell me exactly how it's flying!



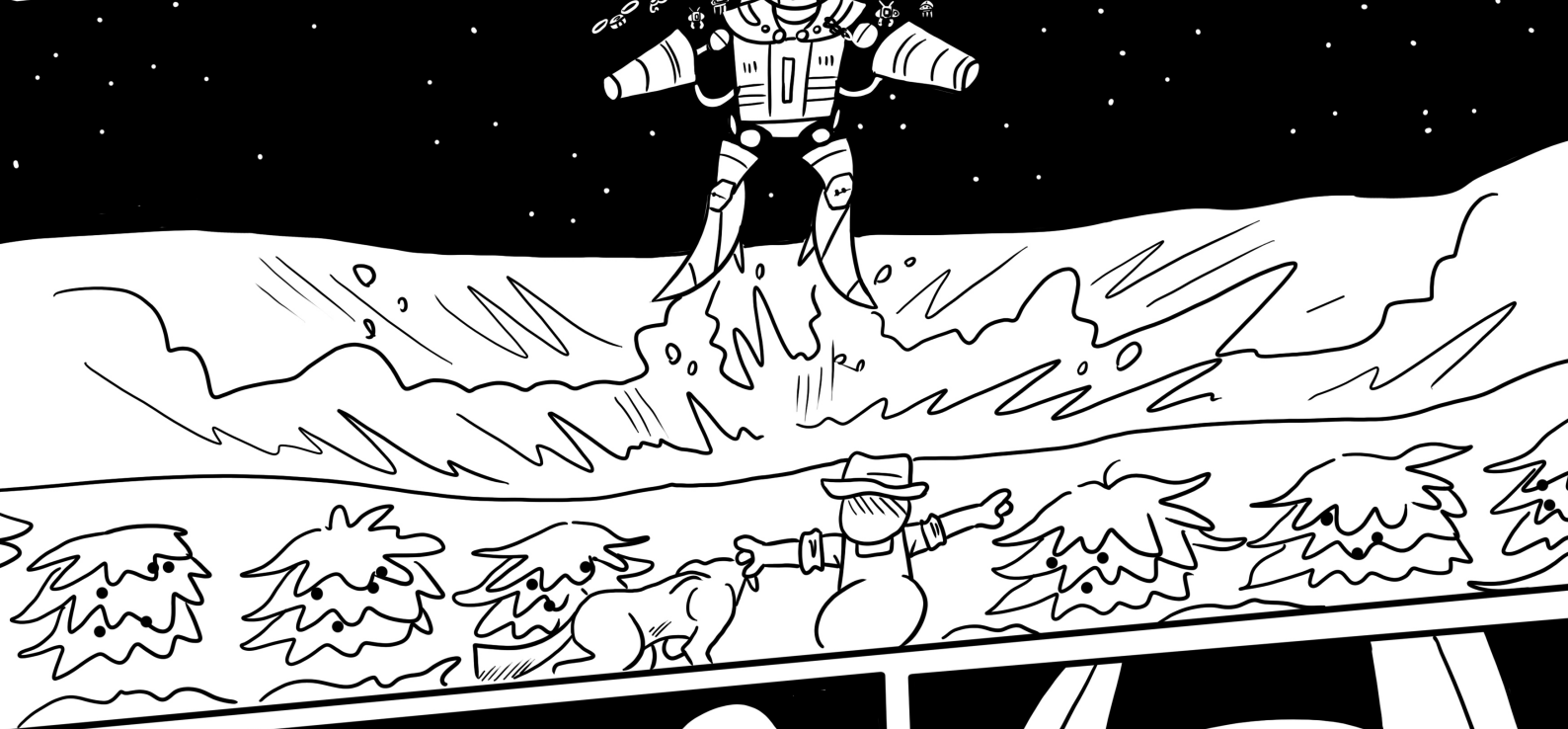
At this point I'd give my
other leg for some
rain...



Looks like you're in a
similar situation.



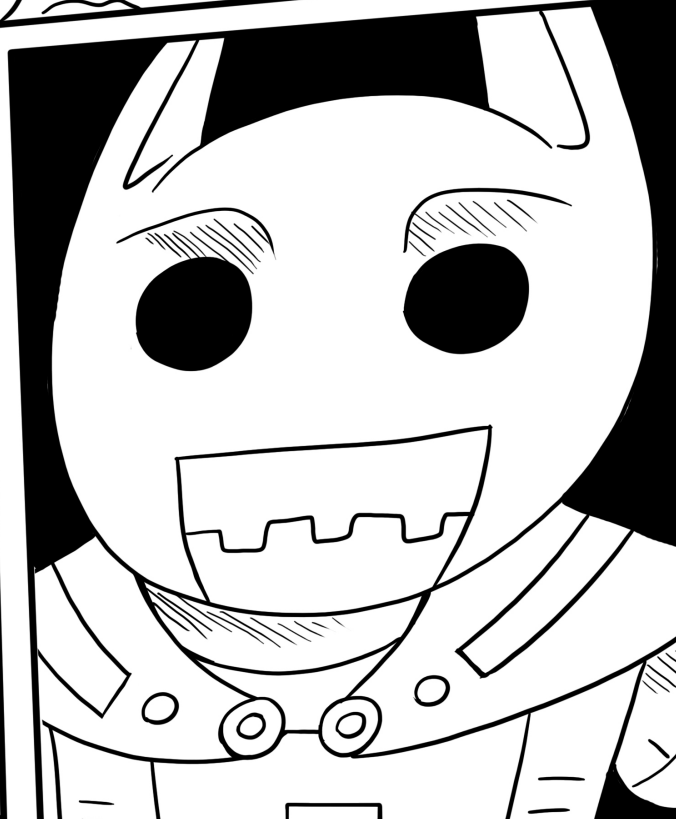
BWAHAHA!!!



Yes! I'm so glad to see
that friendly metal face!



Doesn't look
that friendly...



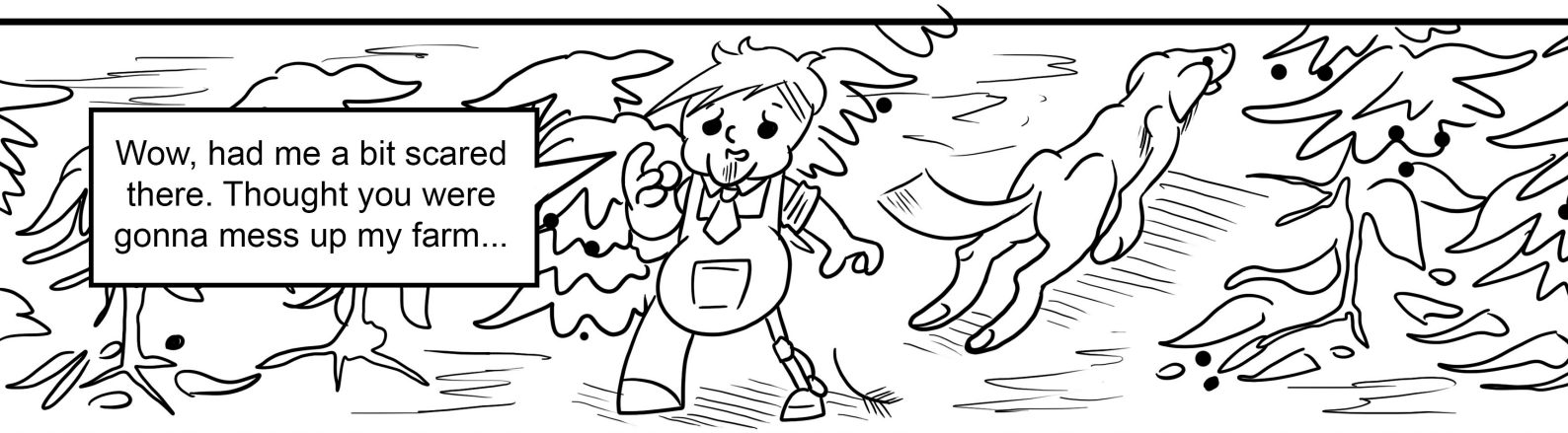


To be completely honest, because of the circadian rhythm of my plants it would be better if you came tomorrow, but that's ok.

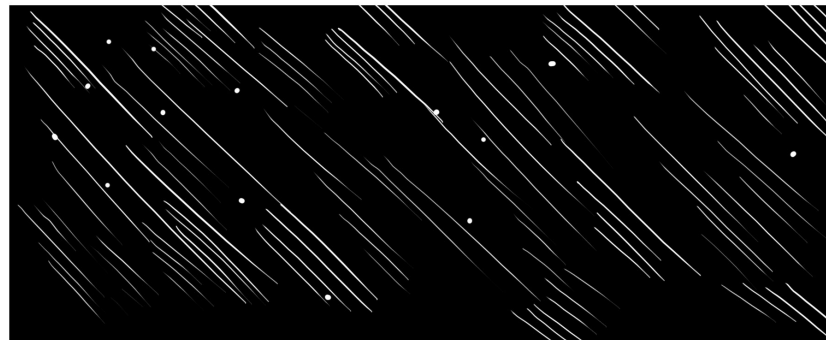
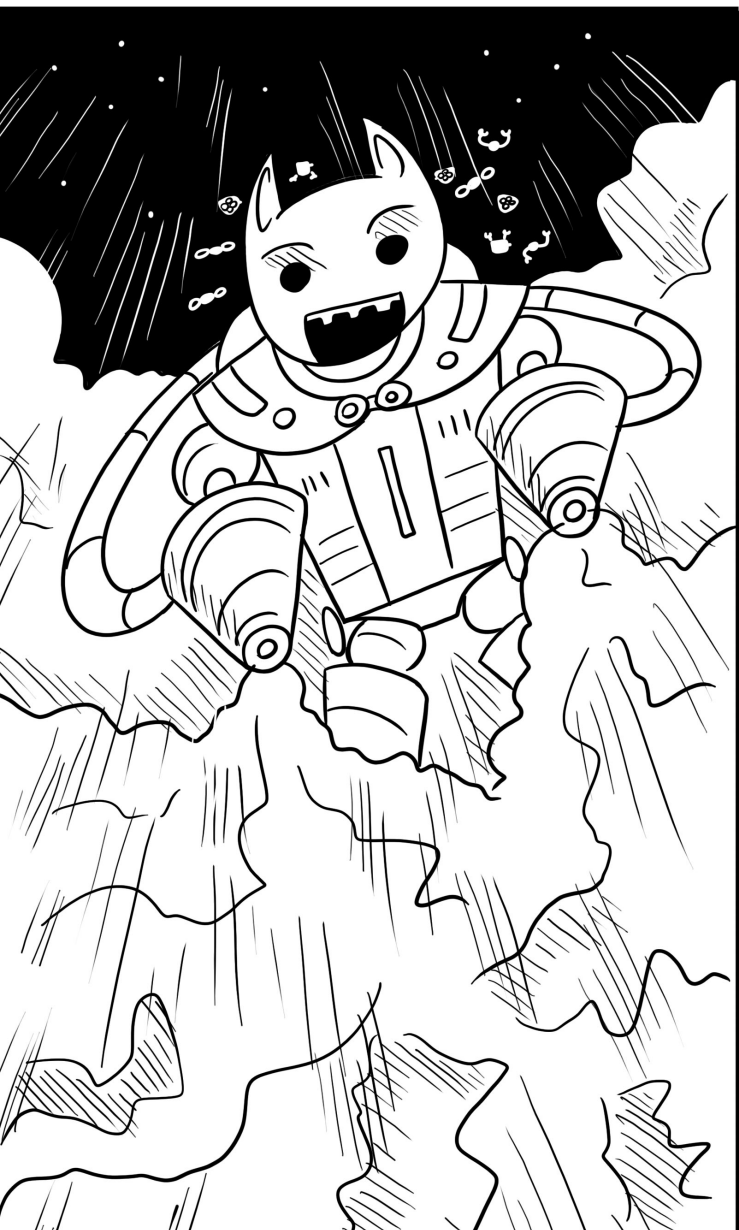


Vwoosh!

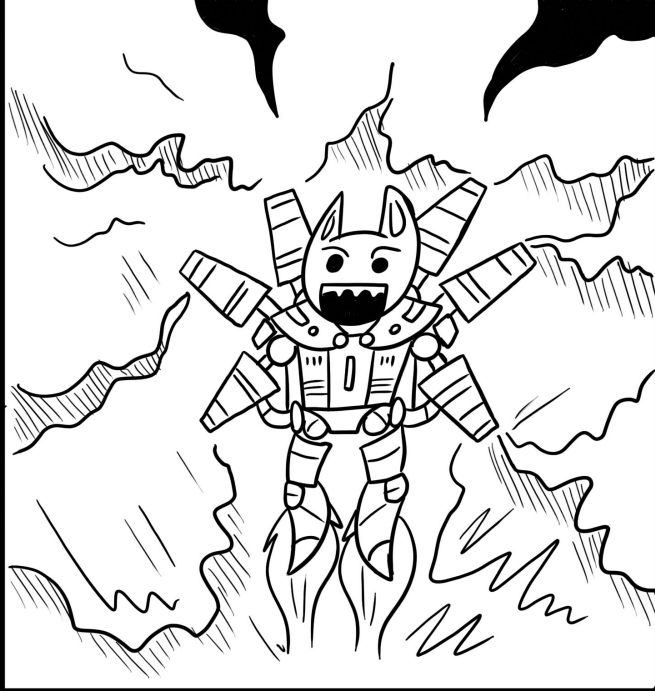
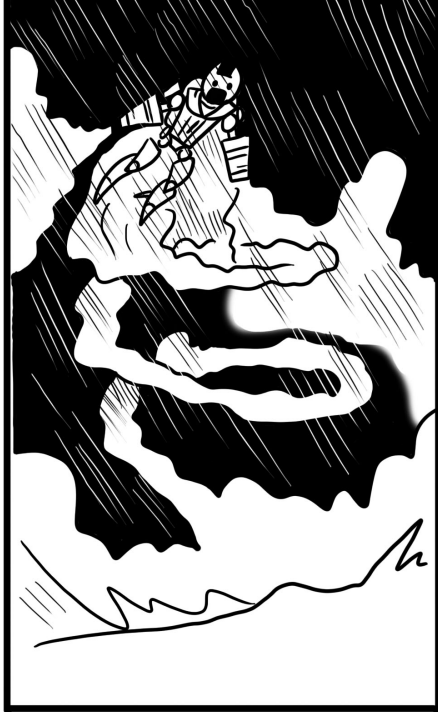
Or come super close!



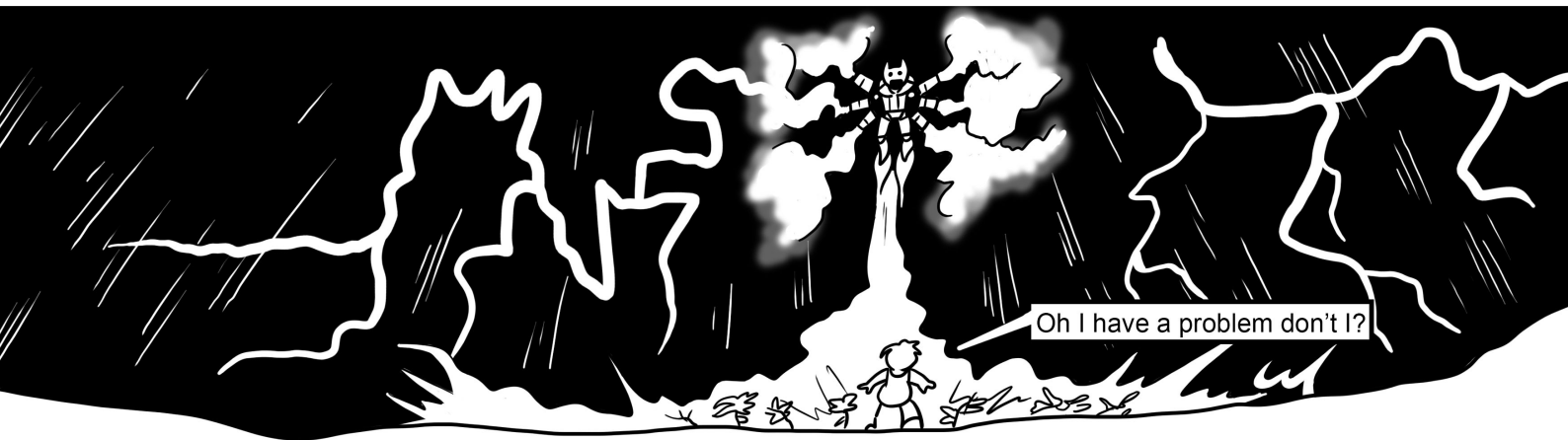
Wow, had me a bit scared there. Thought you were gonna mess up my farm...



Ho ho, I've never been so happy to feel this fake rain!



That seems like a bit much
but suppose you're just
making up for lost time...



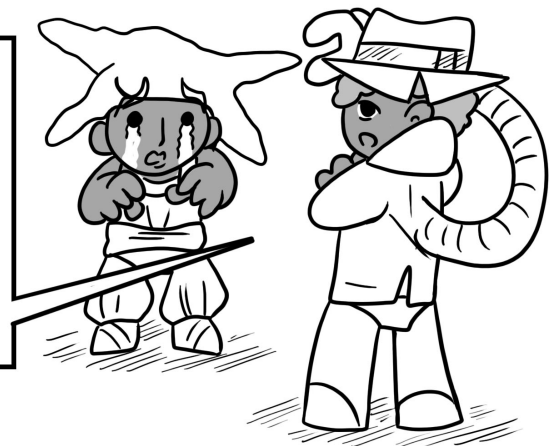
Oh I have a problem don't I?

It's gone to Jally's farm!

How can you tell?



The time between
the sound and flash
of that lightning. It's
the right direction
and distance! I'm
gonna head over
there now!



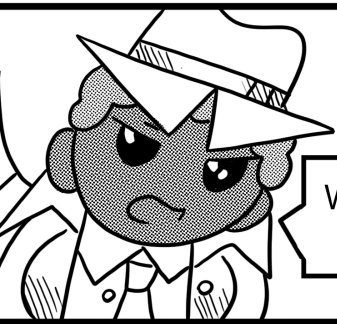
I wanna come with! I
need to right this
wrong!





Well I can't deny that you'll be more knowledgeable about that thing. Let's get to my bike and hurry up.

I wanna run and get my suit. I can't use it without lots of power but if we can get close to it I might be able to regain control.



We need to hurry up!

Don't worry! Instant transmission!

