Password Cracker Activity

This activity is focused on the strength of our passwords. Our program is going to brute force (try out every combination) a password of your choosing.

Start of with a password length of 1 and slowly increase from there. How does the time increase?

<u>To run the program:</u>

```
python password-cracker.py
```

And then input your chosen password!

Reflection

How does password complexity compared to password length?

What can we say about the time as we increase the password length?

What could we do to speed up our guessing?

What are some methods we could use to help prevent someone from logging in as us?