Who am I?

- My name is Sepehr Sabour
- I am a computer science master student
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- You can find me here -> ICT720
What are we going to learn?

- How to be a computer scientist.
- How to be a programmer
- How to be a Good programmer
- If you know programming
What is programming?

- Programming is a way to “instruct the computer to perform various tasks”.
Who is the programmer?

Yes I am a programmer

No I won't fix your computer

Programmer

n. [proh-gram-er] an organism that turns caffeine and pizza into software
Computer Lab

- You need CPSC account.
- PLEASE DO NOT TURN OFF THE COMPUTERS
- Linux Machines
Today's Tasks!

- D2L https://d2l.ucalgary.ca/
- Work with Linux
- Installing python
- Remote Access
- First Code ^_^
Work with Linux

You need to learn how to work with Terminal. You can use Terminal to send commands to Linux operation system. Like what?

- Managing you files
- Write codes
- Run codes
- Install softwares
- ...

Search "terminal" or press Ctrl + Alt + t
Some use full commands

```
ssh your_username@linux.cpsc.ucalgary.ca
```

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Pesehr.github.io
Installing python

- Mac: `brew install python`
- Linux: `sudo apt-get install python3.6`
- Windows: [https://www.python.org/downloads/windows/](https://www.python.org/downloads/windows/)
Remote Access

SSH commend helps you to connect to another computer remotely. You have a remote access to cpsc servers. You can run your codes on these servers.

How to connect with linux/mac?

- Open a terminal
- Type: `ssh your_username@linux.cpsc.ucalgary.ca`
- Enter your password (if required)

What about windows? Use putty
First Code ^_^

- Now use all the things you have learned
- Connect to a remote server
- Create a file with name: HelloWorld.py
- Open the file using **nano**
- Add following code:
  - `print('Hello World')`
- Run your code
  - `python3 HelloWorld.py`
KEEP CALM AND LET'S CODING