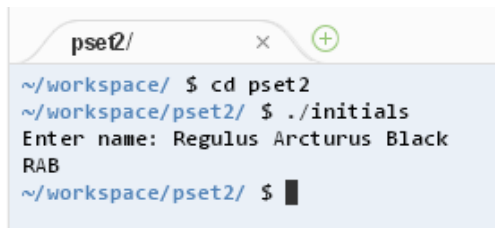


Problem Set 2: Crypto

What to Do

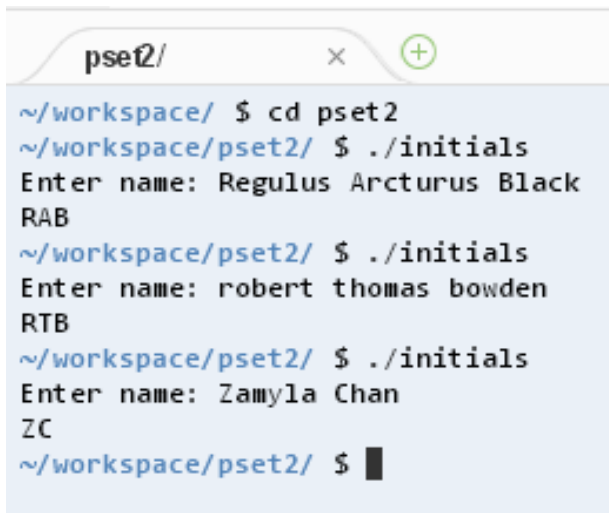
1. Implement either of:

- [Initials](#), less comfortable



```
pset2/ x (+)
~/workspace/ $ cd pset2
~/workspace/pset2/ $ ./initials
Enter name: Regulus Arcturus Black
RAB
~/workspace/pset2/ $
```

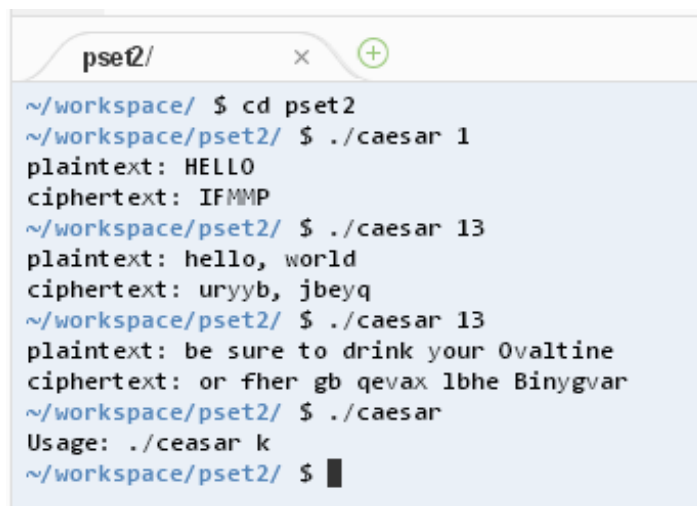
- [Initials](#), more comfortable



```
pset2/ x (+)
~/workspace/ $ cd pset2
~/workspace/pset2/ $ ./initials
Enter name: Regulus Arcturus Black
RAB
~/workspace/pset2/ $ ./initials
Enter name: robert thomas bowden
RTB
~/workspace/pset2/ $ ./initials
Enter name: Zamyra Chan
ZC
~/workspace/pset2/ $
```

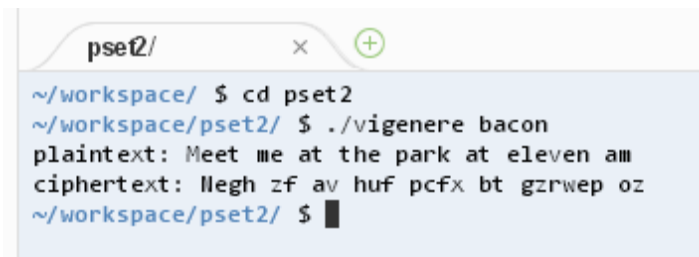
2. Implement any two (2) of:

- [Caesar](#), less comfortable



```
pset2/ x (+)
~/workspace/ $ cd pset2
~/workspace/pset2/ $ ./caesar 1
plaintext: HELLO
ciphertext: IFMMP
~/workspace/pset2/ $ ./caesar 13
plaintext: hello, world
ciphertext: uryyb, jbeyq
~/workspace/pset2/ $ ./caesar 13
plaintext: be sure to drink your Ovaltine
ciphertext: or fher gb qevax lbhe Binygvar
~/workspace/pset2/ $ ./caesar
Usage: ./caesar k
~/workspace/pset2/ $
```

- [Vigenere](#), less comfortable

A terminal window titled 'pset2/' with a close button and a plus button. The terminal shows the following commands and output:

```
~/workspace/ $ cd pset2
~/workspace/pset2/ $ ./vigenere bacon
plaintext: Meet me at the park at eleven am
ciphertext: Mnegh zf av huf pcfx bt gzwep oz
~/workspace/pset2/ $
```

The terminal window displays the execution of a Vigenere cipher program. The user navigates to the 'pset2' directory and runs './vigenere bacon'. The program outputs the plaintext 'Meet me at the park at eleven am' and the corresponding ciphertext 'Mnegh zf av huf pcfx bt gzwep oz'.