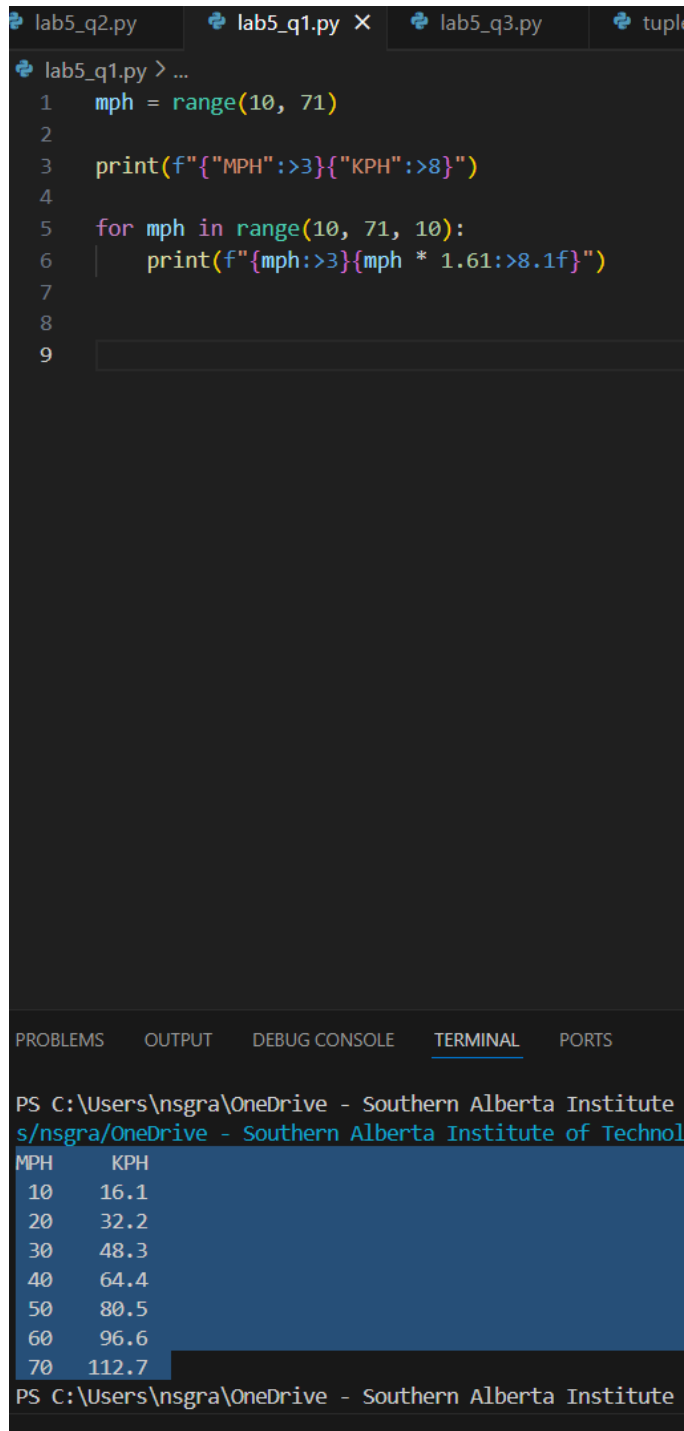


# CPRG 216 F Lab 5

Nicholas Graham

Q1:



```
lab5_q1.py > ...
1  mph = range(10, 71)
2
3  print(f{"MPH":>3}{ "KPH":>8})
4
5  for mph in range(10, 71, 10):
6      print(f{"mph:>3}{mph * 1.61:>8.1f}")
7
8
9
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS C:\Users\nsgra\OneDrive - Southern Alberta Institute of Technology> s/nsgra/OneDrive - Southern Alberta Institute of Technology

MPH	KPH
10	16.1
20	32.2
30	48.3
40	64.4
50	80.5
60	96.6
70	112.7

PS C:\Users\nsgra\OneDrive - Southern Alberta Institute of Technology>

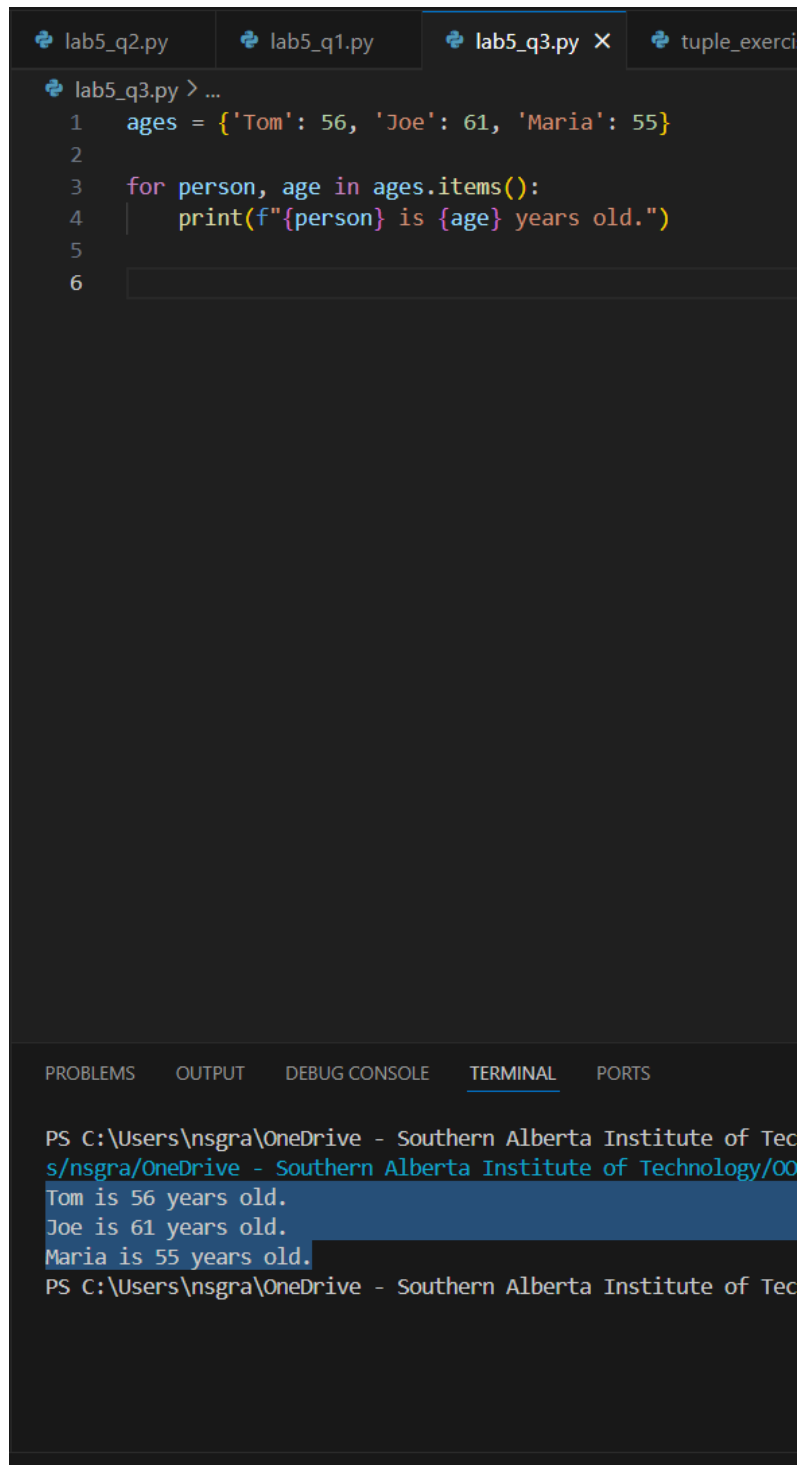
Q2:

```
lab5_q2.py × lab5_q1.py lab5_q3.py
lab5_q2.py > ...
1  nums = [2, 5, 6, 8, 11]
2  numsquares = []
3
4  for num in nums:
5      numsquares.append(num ** 2)
6
7  print(numsquares)
8
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PC

```
PS C:\Users\nsgra\OneDrive - Southern Alberta Institute of Technology\Documents\lab5_q2.py>
[4, 25, 36, 64, 121]
PS C:\Users\nsgra\OneDrive - Southern Alberta Institute of Technology\Documents\lab5_q2.py>
```

Q3:



```
lab5_q2.py lab5_q1.py lab5_q3.py X tuple_exerci
lab5_q3.py > ...
1  ages = {'Tom': 56, 'Joe': 61, 'Maria': 55}
2
3  for person, age in ages.items():
4      print(f"{person} is {age} years old.")
5
6
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
PS C:\Users\nsgra\OneDrive - Southern Alberta Institute of Tec
s/nsgra/OneDrive - Southern Alberta Institute of Technology/00
Tom is 56 years old.
Joe is 61 years old.
Maria is 55 years old.
PS C:\Users\nsgra\OneDrive - Southern Alberta Institute of Tec
```