Screen Capture #1

```
1   #! /usr/bin/env python3
2
3
4   def print_welcome(message):
5       print(message)
6       print()
7
8
9   message = "Welcome to the Future Value Calculator"
10  print_welcome(message=message)
11
```

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE bash - Week

```
zmeyer@syn0095:~/Documents/projects/CIMP8A/Week 4$ python3 future_value_2.py
Welcome to the Future Value Calculator

zmeyer@syn0095:~/Documents/projects/CIMP8A/Week 4$
```

Screen Capture #2

```
zmeyer@syn0095:~/Documents/projects/CIMP8A/Week 4$ python3 future_value_2.py
Welcome to the Future Value Calculator

Enter monthly investment:    100
Enter yearly interest rate:  12
Enter number of years:       10
Future value:                23233.91

Continue? (y/n): n

Exiting the Future Value Calculator
zmeyer@syn0095:~/Documents/projects/CIMP8A/Week 4$
```

Screen Capture #3

```
zmeyer@syn0095:~/Documents/projects/CIMP8A/Week 4$ python3 future_value_2.py
Welcome to the Future Value Calculator

Enter monthly investment:    10
Enter yearly interest rate:  12
Enter number of years:       0
Future value:                9991.48

Continue? (y/n): n

Exiting the Future Value Calculator
zmeyer@syn0095:~/Documents/projects/CIMP8A/Week 4$
```

Screen Capture #4

```
zmeyer@syn0095:~/Documents/projects/CIMP8A/Week 4$ python3 future_value_2.py
Welcome to the Future Value Calculator

Enter monthly investment:    100
Enter yearly interest rate:  10
Enter number of years:       5
Future value:                7808.24

Continue? (y/n): n

Exiting the Future Value Calculator
```

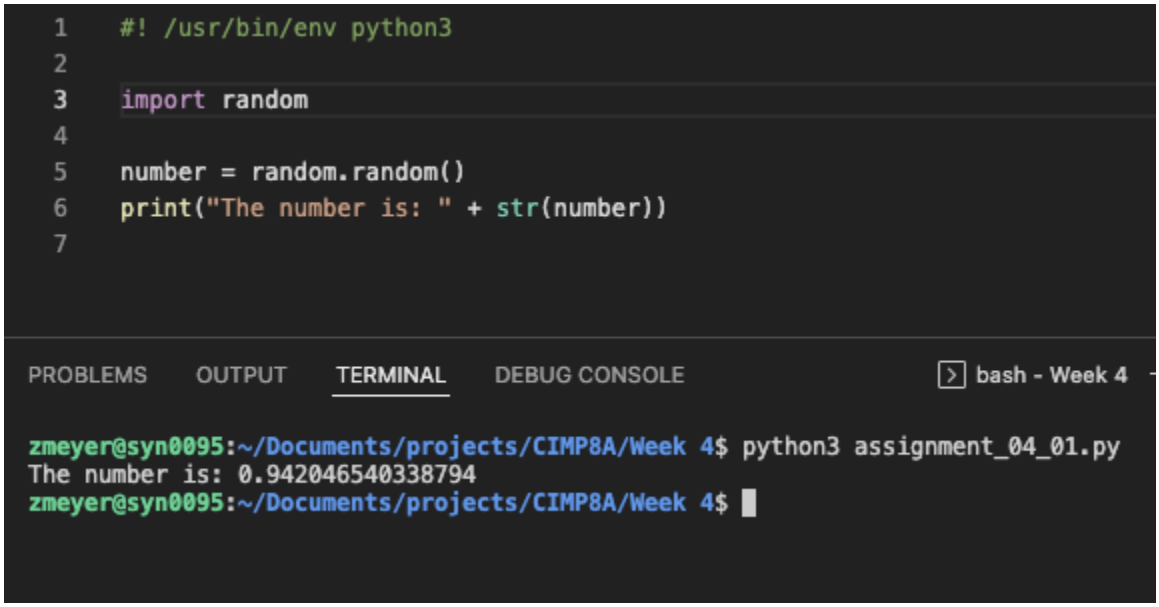
Screen Capture #5

```
zmeyer@syn0095:~/Documents/projects/CIMP8A/Week 4$ python3 temperature.py
0 Fahrenheit = -18 Celsius
40 Fahrenheit = 4 Celsius
80 Fahrenheit = 27 Celsius
120 Fahrenheit = 49 Celsius
160 Fahrenheit = 71 Celsius
200 Fahrenheit = 93 Celsius
0 Celsius = 32 Fahrenheit
20 Celsius = 68 Fahrenheit
40 Celsius = 104 Fahrenheit
60 Celsius = 140 Fahrenheit
80 Celsius = 176 Fahrenheit
```

Screen Capture #6

```
zmeyer@syn0095:~/Documents/projects/CIMP8A/Week 4$ python3 convert_temp.py
MENU
1. Fahrenheit to Celsius
2. Celsius to Fahrenheit

Enter a menu option: 1

Enter degrees Fahrenheit: 86
Degree Celsius: 30.0

Convert another temperature? (y/n): y

Enter a menu option: 2

Enter degrees Celsius: 30
Degree Fahrenheit: 86.0

Convert another temperature? (y/n): n

Cya
```

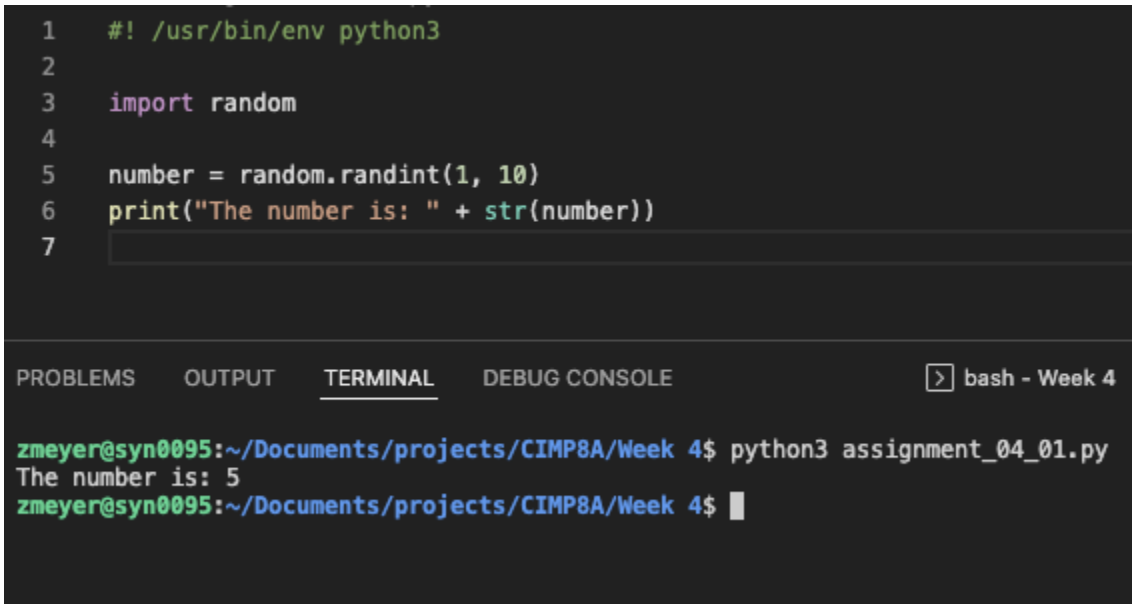
Screen Capture #7



```
1   #! /usr/bin/env python3
2
3   import random
4
5   number = random.random()
6   print("The number is: " + str(number))
7
```

```
PROBLEMS  OUTPUT  TERMINAL  DEBUG CONSOLE  bash - Week 4

zmeyer@syn0095:~/Documents/projects/CIMP8A/Week 4$ python3 assignment_04_01.py
The number is: 0.942046540338794
zmeyer@syn0095:~/Documents/projects/CIMP8A/Week 4$
```

Screen Capture #8



```
1   #! /usr/bin/env python3
2
3   import random
4
5   number = random.randint(1, 10)
6   print("The number is: " + str(number))
7
```

```
PROBLEMS  OUTPUT  TERMINAL  DEBUG CONSOLE  bash - Week 4

zmeyer@syn0095:~/Documents/projects/CIMP8A/Week 4$ python3 assignment_04_01.py
The number is: 5
zmeyer@syn0095:~/Documents/projects/CIMP8A/Week 4$
```

Screen Capture #9

```
zmeyer@syn0095:~/Documents/projects/CIMP8A/Week 4$ python3 guess_number.py
Guess the number!

I'm thinking of a number from 1 to 10

Your guess: 5
Too low!
Your guess: 8
Too high!
Your guess: 7
Too high!
Your guess: 6
You guess it in 4 tries.

Would you like to play again? (y/n): n

Bye!
```

Extra Credit #1

```
zmeyer@syn0095:~/Documents/projects/CIMP8A/Week 4$ python3 even_or_odd.py
Even or Odd Checker

Enter an integer:  33
The number is odd.
```

Extra Credit #2

```
zmeyer@syn0095:~/Documents/projects/CIMP8A/Week 4$ python3 dice_roller.py
Dice Roller

Die 1: 2
Die 2: 3
Total: 5

Roll again? (y/n): y

Die 1: 2
Die 2: 1
Total: 3

Roll again? (y/n): y

Die 1: 1
Die 2: 1
Total: 2
Snake eyes!

Roll again? (y/n): n

Bye!
```