CSCD110 – Assignment 3

Total regular points possible – 50.

# Menu Driven Loops

Your assignment is to create a Python program that will display a menu with options the following options:

1. Count from 0 to 75 by 5’s
2. Count from 3 to 129 by 7’s
3. Add the numbers from 210 to 235
4. Print the phrase “Don’t be evil.” one letter per line
5. Print the integers from 5 to 15 (include 5 and 15)
6. Quit

Your program should perform the action associated with the user’s menu choice. Your program should then re-display the menu for the user to make another selection. When the user enters a menu choice of 0, your program should terminate. You can assume the user will enter an integer. You cannot assume they will enter the correct integer. Deal with it.

Your program should:

* The program is menu driven. You should have a concise structure in place to react to the user’s menu option choice.
* Each option (1 – 3 ) should utilize a while loop.
* Each option (4 – 5) should utilize a for loop.
* Extra credit given for accepting user input for loop limits and string to be printed

## Sample output:

Python 3.5.1 (v3.5.1:37a07cee5969, Dec 6 2015, 01:38:48) [MSC v.1900 32 bit (Intel)] on win32

Type "copyright", "credits" or "license()" for more information.

>>>

============= RESTART: N:\Spring 2018\110\loops\activity\_menu.py =============

Please choose from the following menu.

1. Count from 0 to 75 by 5’s

2. Count from 3 to 129 by 7’s

3. Add the numbers from 210 to 235

4. Print the phrase “Don’t be evil.” one letter per line

5. Print the numbers between 5 and 15

0 for quit

Enter your choice: 1

5

10

15

20

25

30

35

40

45

50

55

60

65

70

75

80

Please choose from the following menu.

1. Count from 0 to 75 by 5’s

2. Count from 3 to 129 by 7’s

3. Add the numbers from 210 to 235

4. Print the phrase “Don’t be evil.” one letter per line

5. Print the numbers between 5 and 15

0 for quit

Enter your choice: 2

3

10

17

24

31

38

45

52

59

66

73

80

87

94

101

108

115

122

129

Please choose from the following menu.

1. Count from 0 to 75 by 5’s

2. Count from 3 to 129 by 7’s

3. Add the numbers from 210 to 235

4. Print the phrase “Don’t be evil.” one letter per line

5. Print the numbers between 5 and 15

0 for quit

Enter your choice: 3

210

421

633

846

1060

1275

1491

1708

1926

2145

2365

2586

2808

3031

3255

3480

3706

3933

4161

4390

4620

4851

5083

5316

5550

5785

Please choose from the following menu.

1. Count from 0 to 75 by 5’s

2. Count from 3 to 129 by 7’s

3. Add the numbers from 210 to 235

4. Print the phrase “Don’t be evil.” one letter per line

5. Print the numbers between 5 and 15

0 for quit

Enter your choice: 4

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Please choose from the following menu.

1. Count from 0 to 75 by 5’s

2. Count from 3 to 129 by 7’s

3. Add the numbers from 210 to 235

4. Print the phrase “Don’t be evil.” one letter per line

5. Print the numbers between 5 and 15

0 for quit

Enter your choice: 5

5

6

7

8

9

10

11

12

13

14

15

Please choose from the following menu.

1. Count from 0 to 75 by 5’s

2. Count from 3 to 129 by 7’s

3. Add the numbers from 210 to 235

4. Print the phrase “Don’t be evil.” one letter per line

5. Print the numbers between 5 and 15

0 for quit

Enter your choice: 6

Please enter a valid number from 1 to 5 or 0

Please choose from the following menu.

1. Count from 0 to 75 by 5’s

2. Count from 3 to 129 by 7’s

3. Add the numbers from 210 to 235

4. Print the phrase “Don’t be evil.” one letter per line

5. Print the numbers between 5 and 15

0 for quit

Enter your choice: 0

Please enter a valid number from 1 to 5 or 0

>>>

Please include an additional comment at the top of your program informing the grader of any extra credit attempted.

Submit your python file through canvas.

Name your file: A3\_FirstName\_LasatName.py