Python Essentials Module 2 Assignment

Module2AssignmentQ1.py (Question 1):

Command: py -2 Module2AssignmentQ1.py

**total = raw\_input('What is the total amount for your online shopping?')**

**country = raw\_input('Shipping within the US or Canada?')**

**if country == "US":**

**if total <= 50:print ("Shipping Costs $6.00")**

**elif total <= 100:print ("Shipping Costs $9.00")**

**elif total <= 150:print ("Shipping Costs $12.00")**

**else:print ("FREE")**

**elif country == "Canada":**

**if total <= 50:print ("Shipping Costs $8.00")**

**elif total <= 100:print ("Shipping Costs $12.00")**

**elif total <= 150:print ("Shipping Costs $15.00")**

**else:print ("FREE")**

**else:**

**print('We don\'t supply to that country.')**

Module2AssignmentQs234.py (Question 2 - 4):

Command: py -2 Module2AssignmentQs234.py

**# Q2**

**name = raw\_input ('Enter your name: ')**

**print ('Hello %s.' % name)**

**# Q3**

**tempF = raw\_input ('What is the current temperature in Farenheit: ')**

**tempF = float(tempF)**

**tempC = (tempF - 32.0) \* 5.0 / 9.0**

**print ('%f C' %tempC)**

**# Q4**

**hoursWorked = raw\_input ('How many hours do you work? ')**

**hoursWorked = float(hoursWorked)**

**hoursPay = raw\_input ('How much are you paid per hour? ')**

**hoursPay = float(hoursPay)**

**weeksPay = hoursWorked \* hoursPay**

**print ('You earn %f per week.' % weeksPay)**

Module2AssignmentQ5.py (Question 5):

Command: py -2 Module2AssignmentQ5.py

a = [4,7,3,2,5,9]

print (a)

i = 0

for i in range (len(a) - 1):

print('a[%d] = %d' % (i, a[i]) )

dictKey = ['A','B','C','D','E','F','G','H','I','J','K','L','M','N','O','P','Q','R','S','T','U','V','W','X','Y','Z']

dictAlpha = {f:i + 1 for i,f in enumerate(dictKey)}

print (dictAlpha)

dict1 = { 'a': 1, 'b':2 }

print (dict1)

dict2 = {}

for x in dict1:

dict2[dict1[x]] = x

print dict2

L = ['a', 'b', 'c', 'd']

LDict = {f:i + 1 for i,f in enumerate(L)}

print(LDict)

# Output:

C:\Users\admin\Desktop\Courses\Python\Edureka>py -2 Module2AssignmentQ1.py

What is the total amount for your online shopping?1

Shipping within the US or Canada?US

FREE

C:\Users\admin\Desktop\Courses\Python\Edureka>py -2 Module2AssignmentQs234.py

Enter your name: Jon

Hello Jon.

What is the current temperature in Farenheit: 12.4

-10.888889 C

How many hours do you work? 40

How much are you paid per hour? 5

You earn 200.000000 per week.

C:\Users\admin\Desktop\Courses\Python\Edureka>py -2 Module2AssignmentQ5.py

[4, 7, 3, 2, 5, 9]

a[0] = 4

a[1] = 7

a[2] = 3

a[3] = 2

a[4] = 5

{'A': 1, 'C': 3, 'B': 2, 'E': 5, 'D': 4, 'G': 7, 'F': 6, 'I': 9, 'H': 8, 'K': 11, 'J': 10, 'M': 13, 'L': 12, 'O': 15, 'N': 14, 'Q': 17, 'P': 16, 'S': 19, 'R': 18, 'U': 21, 'T': 20, 'W': 23, 'V': 22, 'Y': 25, 'X': 24, 'Z': 26}

{'a': 1, 'b': 2}

{1: 'a', 2: 'b'}

{'a': 1, 'c': 3, 'b': 2, 'd': 4}