

INNOVATION WITH PYTHON

FEBRUARY 22, 2018



ASSIGNMENT BOOK

PRESENTED BY: RIYAZ UL HAQUE

ASSIGNMENT BOOK

FOLLOWING ARE THE ASSIGNMENT QUESTIONS BASED ON THE COURSE COVERED DURING SESSION 1 & 2.

QUESTION: 01 Write the value and type of the expressions:

- $x = 2$ & $y = 4$
 - Expression: x / y
- Expression: $6 / 4 * 2$
- $x = 15$ & $y = 4.0$
 - Expression: $x + y * 2$
 - Expression: x / y
 - Expression: y / x
 - Expression: $y / 2$

QUESTION: 02 Write a program to convert speed in km/hr to m/s. Use **raw_input()** to take input(speed in km/hr) from the user. – (Submit your solution in .py extension)

QUESTION: 03 Write a program to prompt for a score between 0.0 and 1.0. If the score is between 0.0 and 1.0, print a grade using the following table: -- (Submit your solution in .py extension)

Score Grade:

- ≥ 0.9 A
- ≥ 0.8 B
- ≥ 0.7 C
- ≥ 0.6 D
- < 0.6 F

QUESTION: 04 What gets printed?

- $x = \text{True}$
- $y = \text{False}$
- $z = \text{False}$

if x or y and z:

 print "yes"

else:

 print "no"

QUESTION: 05 Learn about the following pre-defined function:

- swapcase()
- upper()

- lower()
- title()
- capitalize()
- help()

QUESTION: 06 What is Event and Count controlled loop explain with the help of an example? – (Submit your solution in .py extension)

QUESTION: 07 How many seconds are in an hour? Use the interactive interpreter as a calculator and multiply the number of seconds in a minute (60) by the number of minutes in an hour (also 60).

NOTE: Drop your solution according to the instruction provided at riyaz.h@consultadd.in before Monday.