

Lab 01
OOP – BSDS

Note: Do your own work, talking, sharing, discussion is considered as cheating (in any case and strictly discouraged), therefore be careful. TA's will be there for your help. Wait for TA, if you have any query

Task 0: Write given code, run it multiple times for your understanding:

```
import random

def main():
    for i in range(1, 10):
        x = random.randint(0, 100)
        print (x)

main()
```

Task 1: Write a program to generate 10 random numbers in range 0 to 100. Print numbers. Count and print, how many numbers are less than 50?

Task 2: Write a program to generate table of random numbers in range 5 to 9. First print table number, then print table. See sample run for your understanding:

Note: Do not generate table of 5 to 9, generate only one table according to random number.

Sample Run:

Table No: 8

8	*	1	=	8
8	*	2	=	16
8	*	3	=	24
8	*	4	=	32
8	*	5	=	40
8	*	6	=	48
8	*	7	=	56
8	*	8	=	64
8	*	9	=	72

Task 3: Generate two random numbers in range 10 to 50. Ask user to input sum of the numbers. Check user answer and either print "Your answer is correct" or print "Sorry, correct answer is ..."

Sample Run:

A: 23

B: 28

Sum: 51

Your answer is correct

A: 35

B: 23

Sum: 51

Sorry, correct answer is 58

Task 4: Input two random numbers in range 10 to 99 and print counting from smaller number to larger number in same line with spaces:

Sample Run:

51 52 53 54 55 56 57 58 59 60 61 62 63 64 65

END OF LAB (Best of Luck)
