

Chapter - 1

Date _____

Assignment - 2

- Q1) If you are asked to label the Python loops as determinable or non-determinable, which label would you give to which loop? Justify.
- Q2) There are two types of Python else clauses. What are those two types of else clauses?
- Q3) Write a program that asks the user to input number of seconds and then expresses it in terms of many minutes and seconds it contains.
- Q4) Write a program that repeatedly asks users some numbers until string 'done' is typed. The program should print the sum of all numbers entered.
- Q5) Write a program to print a square multiplication table as shown below:

1	2	3	4	5	6	7	8	9
2	4	6	8	10	12	14	16	18
3	6	9	12	15	18	21	24	27
4	8	12	16	20	24	28	32	36
5	10	15	20	25	30	35	40	45
6	12	18	24	30	36	42	48	54
7	14	21	28	35	42	49	56	63
8	16	24	32	40	48	56	64	72
9	18	27	36	45	54	63	72	81

Q6) Write a program to print square root of every alternate number in the range 1 to 10.

Q7) Write the output of the following Python code:

```
x = "abcdep"  
i = "a"  
while i in x:  
    print(i, end = " ")
```

Q8) Rewrite the following code in Python after removing all syntax error(s). Underline each correction done in code:

```
30 = To  
for K in range (0, To)  
    IF K % 4 == 0:  
        print (K * 4)  
    Else:  
        print (K + 3)
```