# Python Assignment-1

**Q1.** *Find those numbers which are divisible by 7 and multiple of 5, between 1500 and 2700 (both Inc)***Ans:**1505

1540

1575

1610

1645

1680

1715

1750

1785

1820

1855

1890

1925

1960

1995

2030

2065

2100

2135

2170

2205

2240

2275

2310

2345

2380

2415

2450

2485

2520

2555

2590

2625

2660

2695

**Q2.** *Construct the following pattern:*\*  
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\*\*\*\*  
\*\*\*\*\*  
\*\*\*\*  
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\*

**Q3.** *Write a Python program that accepts a word from the user and reverse it***Ans:**enter any string

ashish

reverse string :-

hsihsa

**Q4.** *program that prints all the numbers from 0 to 6 except 3 and 6***Ans:**0 1 2 4 5

**Q5.** *program which accepts a sequence of comma separated 4 digit binary numbers as its input and print the numbers that are divisible by 5 in a comma separated sequence*

**Ans:**

1100,1111,1010,0111

1111,1010

**Q6***. program to print alphabet pattern 'A'*

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**Q7.** *program to print alphabet pattern 'S'*

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**Q8.** *program to check whether an alphabet is a vowel or consonant*

**Ans:**

enter any alphabeta

a is a VOWEL

**Q9.** *program to sum of two given integers. However, if the sum is between 15 to 20 it will*

*return 20*

**Ans:**

enter two integer:5 10

sum is 20

**Q10.** *program to create the multiplication table (from 1 to 10) of a number*

**Ans:**

enter any number3

3 \* 1 = 3

3 \* 2 = 6

3 \* 3 = 9

3 \* 4 = 12

3 \* 5 = 15

3 \* 6 = 18

3 \* 7 = 21

3 \* 8 = 24

3 \* 9 = 27

3 \* 10 = 30

**Q11***. program that reads two integers representing a month and day and prints the season for*

*that month and day*

**Ans:**

enter month eg:- 1 for jan

2 for feb

6

enter day

19

SPRING

*Q12 program to print the following pattern*

oooooooooooooooooo

oooooooooooooooooo

oooooooooooooooooo

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oooooooooooooooooo

oooooooooooooooooo

oooooooooooooooooo

ooooo

ooooo

ooooo

oooooooooooooooooo

oooooooooooooooooo

oooooooooooooooooo*.*

**Q13.** *program to get next day of a given date*

**Ans:**

enter year

2008

enter month

2

enter date

28

next date is [yyyy-mm-dd]:-

[ 2008 , 2 , 29 ]

**Q14.** *program which takes two digits m (row) and n (column) as input and generates a two-dim*

*ensional array. The element value in the i-th row and j-th column of the array should b*

*e i\*j*

**Ans:**

enter no of rows3

enter no of columns4

[[0, 0, 0, 0], [0, 1, 2, 3], [0, 2, 4, 6]]

**Q15.** *program to check a string represent an integer or not*

**Ans:**

enter a string25789562f

it is a string