**FYBCA**

**SEMESTER – I**

**BCA1111C03 : Introduction to Programming using Python**

**Date : 23/11/2022**

1. Write a program to display stars in the right angled triagular form using nested loop

consisting of 10 lines.

##Output

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2. Write a program to print the following pattern:

##Output

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3.Write a program to print the following pattern:

1

1 2

1 2 3

1 2 3 4

1 2 3 4 5

4.Write a program to print the following pattern:

1

2 2

3 3 3

4 4 4 4

5 5 5 5 5

5. Write a program to print the following pattern:

1 2 3 4 5 6

2 3 4 5 6 7

3 4 5 6 7 8

4 5 6 7 8 9

5 6 7 8 9 10

6.Write a program to print the following pattern:

1 2 3 4 5

6 7 8 9 10

11 12 13 14 15

16 17 18 19 20

21 22 23 24 25

7.Write a program to print the following pattern:

1 2 3 4 5

1 2 3 4 5

1 2 3 4 5

1 2 3 4 5

1 2 3 4 5

8.A Program to print tables from 1-10 in tabular form

##Output

1 2 3 4 5 6 7 8 9 10

2 4 6 8 10 12 14 16 18 20

3 6 9 12 15 18 21 24 27 30

4 8 12 16 20 24 28 32 36 40

5 10 15 20 25 30 35 40 45 50

6 12 18 24 30 36 42 48 54 60

7 14 21 28 35 42 49 56 63 70

8 16 24 32 40 48 56 64 72 80

9 18 27 36 45 54 63 72 81 90

10 20 30 40 50 60 70 80 90 100

9.Write a program to print a square shape of 5X5 of 1's.

##Output

1 1 1 1 1

1 1 1 1 1

1 1 1 1 1

1 1 1 1 1

1 1 1 1 1

10. Write a program to print number pattern of 1's and 0's at alternate rows

##Output

1 1 1 1 1

0 0 0 0 0

1 1 1 1 1

0 0 0 0 0

1 1 1 1 1

11. Write a program to print the following pattern:

1 0 1 0 1

1 0 1 0 1

1 0 1 0 1

1 0 1 0 1

1 0 1 0 112. Write a program to print the following pattern:

1

1 2

1 2 3

1 2 3 4

1 2 3 4 5

13. Write a program to print the following pattern:

1

2 2

3 3 3

4 4 4 4

5 5 5 5 5

14. Write a program to print the following pattern:

1

1 2 1

1 2 3 2 1

1 2 3 4 3 2 1

1 2 3 4 5 4 3 2 1