LAB 5

**Task 1**

Use **for** loop to print “**Welcome to City University”** 5 times?

**Task 2**

Use **for** loop to print first 10 integers with tab space?

**Task 3**

Modify task 2? Write program that takes an integer input from user & display number till that integer?

**Task 4**

Write program using **for** Loop and display following result

**Number Square Cube**

1 1 1

2 4 16

3 9 27

4 16 64

5 25 125

6 36 216

**Task 5**

Write a program using **for** loop that prints even number (from number 0-100)

**Task 6**

Modify program in task-5 and print first 50 odd numbers separately and even numbers separately?

**Task 7**

Modify task 6 and produce sum of first 50 odd numbers from (0-100) and also produce sum of first 50 even numbers (0-100)?

**Task 8**

Write a program that generate table of 2 using ***for*** loop?

**Task 9**

Modify Task 8 take input from user and generate table for number user has requested?

**Task 10**

Modify task 9 take two inputs from user one for table & one for multiple of table and produce results?

**Task 11**

Write program that produce first 10 integers in descending order?

**Task 12**

Modify task11 to produce factorial of a number entered by user?

**Task 13**

Write a program that product following result

**+\*+\*+\*+\*+\*+\*+\*+\*+\*+\*+\***

**Task 14**

Write a program that product following result

1 2 3 4

5 6 7 8

910 11 12

13 14 15 16

**Task 14 b**

Write a program that product following result using nested for loop

1 2 3 4

5 6 7 8

910 11 12

13 14 15 16

**Task 15**

Write a program that produce following result

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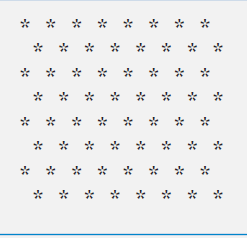
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***Hint: Use nested for loop to complete structure?***

**Task 16**

Write a program that product following result

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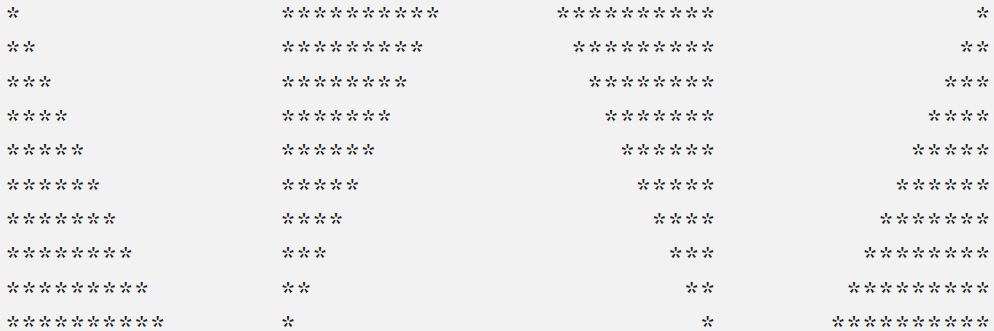
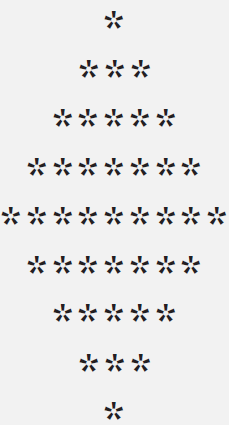
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***Hint: Use nested for loop to complete structure?***

**Task 17**

Write a program that product following result ***Hint: Use nested for loop to complete structure?***

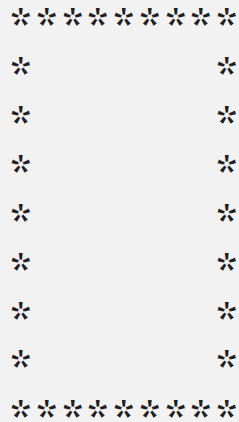


**Task 18**

Write a program that product following result

***Hint: Use nested for loop to complete structure?***

**Task 19**

Write a program that product following result

***Hint: Use nested for loop to complete structure?***