1. Write a program to display the following. Allow the user to provide input as like,

Enter a value: 10 (if the user given 10, your application as to generate the following figure)

2. Write a program to generate multiplication times table as like,

3. Write a program to generate multiplication times table as per the user input.

Enter a number : 3

Multiplication table: 3

1 x 3 = 3

10 x 3 = 30

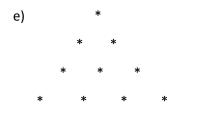
 $2 \times 3 = 6$

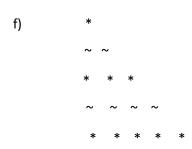
4. Write a program to print the following,

a) * * *

* * *

* * * *





5. Write a program to create an integer array and allow the user to find a value from the list. Please follow the output format.

Enter a[0] value : 23 Enter a[1] value : 3 Enter a[2] value : 43 Enter a[3] value : 25 Enter a[4] value : 21 Enter a[5] value : 8

Given list: 23,3,43,25,21 and 8. Enter your search value: 25

Search Result : your value is located in 4^{th} place .

Or

Enter your search value: 5
Search Result: Not found.

6. Write a program to store 6 different random numbers in the list between 10 to 20. Allow the user to find their lucky number in two tries.