

String, Loop and Conditional Statements

1. Write a program to accept a string and display in reverse order.
2. Write a program to accept a string in python and display the entire string in upper case.
3. Write a function in python which accept a string as argument and display total number of vowels.
4. Write a function in python which accept a string as argument and display total number of lower-case characters.
5. Write a program to check whether a number entered by user is even or odd.
6. Write a program to check whether a number is divisible by 7 or not.
7. Write a program to check whether the last digit of a number (entered by user) is divisible by 3 or not.
8. Write a program to check whether a year is leap year or not.
9. Write a program to check whether a number entered is three-digit number or not.
10. Write a program to find the lowest number out of two numbers excepted from user.
11. Accept three sides of triangle and check whether the triangle is possible or not and check whether it is an equilateral, isosceles or scalene triangle.
12. Write a program to print first 10 even numbers in reverse order.
13. Write a program to display product of the digits of a number accepted from the user
14. Write a program to find the factorial of a number.
15. Write a program to print all prime numbers that fall between two numbers including both(accept two numbers from the user)
16. Accept a number and check whether it is palindrome or not.
17. Print the following pattern.

```
1
1 2
1 2 3
1 2 3 4
1 2 3 4 5
```

18. Print the following pattern.

```
1 2 3 4 5
1 2 3 4
1 2 3
1 2
1
```

19. Print the following pattern.

```
* * * * *  
* * * *  
* * *  
* *  
*
```

20. Print the following pattern.

```
 *  
**  
***  
****  
*****
```