Try this 1

1. Get the output of the following string with the use of Single Quotes:

   Welcome to the Python World

2. Get the output of the following string with the use of Double Quotes:

   I'm a Python learner

3. Get the output of the following string with the use of Triple Quotes:

   I'm a Python learner and I live in a world of "Python"

4. Create a multiline String:

   Python

   For

   Better

   Life

Try this 2

1. Assign your name, mobile number and address in three different variables with a comment ‘My contacts’.
2. Assign the value of the radius of a circle in a variable ‘r’. Calculate and store the values of its circumference and area in two different variables.
3. Assign three numbers in the variables x, y and z. Calculate and store the mean of them in a suitable variable.
4. Assign hour. Covert this into minutes and seconds.
5. Assign the value of temperature in Celsius. Convert this into Fahrenheit using the formula c*9./5+32=f

Try this 3

1. Assign the strings ‘He is ‘ in the variable x, ‘telling truth.’ in y and ‘telling lie.’ in z.

Concatenate them into two sentences.
Display ‘telling truth’ thrice.
Display first two letters of x,y and z.
Display alternate letters of ‘telling’.

2. Assign and display a string ‘We are Khalsite.’

Display all in small letter.
Display all in capital letter.

Find the index of ‘r’ in the string.
Replace ‘We’ by ‘You’.
Count how many ‘e’ is there.
What’s the total length of the string.
Display all alternate characters from the starting of the string.

3. Create two lists containing numbers and strings. Concatenate them into a third string. Change the 3rd element of the third string. Display the sub list containing 3rd, 4th and 5th element from the last updated string.

Try this 4

Type the question as comment and execute the following

1. Write a program that takes the length of an edge (an integer) as input and prints the cube’s surface area as output.
2. Write a Program to find the square root of a number by inputting the number through key board.
3. Write a program to find the area of a Rectangle by inputting the edge through key board.
4. Write a program to swap the values of two variables using third variable by inputting the values of the variable through key board.
5. Write a program to swap the values of two variables without using third variable by inputting the values of the variable through key board.
6. Write a program to convert kilogram into pound. (1 kg = 2.20462 pound).
7. Write a program that takes the radius of a sphere (a floating-point number) as input and then outputs the sphere’s diameter, circumference, surface area, and volume.
8. An object’s momentum is its mass multiplied by its velocity. Write a program that accepts an object’s mass (in kilograms) and velocity (in meters per second) as inputs and then outputs its momentum.
9. The kinetic energy of a moving object is given by the formula where m is the object’s mass and v is its velocity. Modify the previous program you created so that it prints the object’s kinetic energy as well as its momentum.
10. Write a program that calculates and prints the number of minutes in a year.
11. Light travels at 3 *108 meters per second. A light-year is the distance a light beam travel in one year. Write a program that calculates and displays the value of a light year.
12. An employee’s total weekly pay equals the hourly wage multiplied by the total number of regular hours plus any overtime pay. Overtime pay equals the total overtime hours multiplied by 1.5 times the hourly wage. Write a program that takes as inputs the hourly wage, total regular hours, and total overtime hours and displays an employee’s total weekly pay.
13. Five Star Retro Video rents VHS tapes and DVDs to the same connoisseurs who like to buy LP record albums. The store rents new videos for $3.00 a night, and oldies for $2.00 a night. Write a program that the clerks at Five Star

Retro Video can use to calculate the total charge for a customer's video rentals. The program should prompt the user for the number of each type of video and output the total cost.

Try This Using while loop 5

1.Print all natural numbers from 1 to n.
2. Print all natural numbers in reverse (from n to 1).
3. Print all even numbers between 1 to 100.
4. Print all odd number between 1 to 100.
5. Find sum of all natural numbers between 1 to n.
6. Find sum of all even numbers between 1 to n.
7. Find sum of all odd numbers between 1 to n.
8.Print multiplication table of any number.
9. Calculate sum of digits of a number.
10. Calculate product of digits of a number.
11. Enter a number and print its reverse.

Try This Using for loop 6

1.Print all natural numbers from 1 to n.
2. Print all natural numbers in reverse (from n to 1).
3. Print all even numbers between 1 to n.
4. Print all odd number between 1 to n.
5. Find sum of all natural numbers between 1 to n.
6. Find sum of all even numbers between 1 to n.
7. Find sum of all odd numbers between 1 to n.
8.Print multiplication table of any number.
9. Calculate factorial of a number.
10. Enter a word and print reverse of it.
11. Enter a number and print its reverse.
12. Write a program to print all multiple of 5 with in n.
13. Input a number and check whether it is prime or not.
14. Write a program to print the following pattern using a loop.

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*
* *
* * *
* * * *
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15. Find all prime number between 1 to n.