

Tasks

Task 1: Write a Python program that prints all the numbers from 0 to 10 except 2 and 8.

Task 2: Print table of 7 using for loop in this format

```
7 * 1= 7
```

```
7 * 2= 14
```

```
...
```

```
...
```

```
7 * 10= 70
```

Task 3: Write a program to print this:

```
*
```

```
* *
```

```
* * *
```

```
* * * *
```

```
* * * * *
```

```
* * * *
```

```
* * *
```

```
* *
```

```
*
```

Task 4: Take ten number from user in a loop and find the largest number

Task 5: Write a program to add ten numbers enter by user in a loop. (For loop)

Task 1:

Write a Python program that prints all the numbers from 0 to 10 except 2 and 8.

```
In [ ]: for num in range(11):  
        if num != 2 and num != 8:  
            print(num)
```

Task 2:

Print table of 7 using for loop in this format

```
7 * 1= 7  
7 * 2= 14  
...  
...  
7 * 10= 70
```

```
In [ ]: for num in range(1, 11):  
        result = 7 * num  
        print(f"7 * {num} = {result}")
```

Task 3:

Write a program to print this:

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

```
In [ ]: a = 1 # start * star
        b = 5 # Maximum * star

        for i in range(a,b+1):
            print("* " * i)
        for z in range(i-1,a-1,-1):
            print(z * "*" )
```

Task 4:

Take ten number from user in a loop and find the largest number

```
In [2]: largest = float("-inf")
        for _ in range(10):
            num = float(input("Enter a number: "))
            if num > largest:
                largest = num

        print("The largest number is:", largest)
```

```
Enter a number: 12
Enter a number: 12
Enter a number: 43
Enter a number: 534
Enter a number: 12
Enter a number: 43
Enter a number: 54
Enter a number: 34
Enter a number: 23
Enter a number: 43
The largest number is: 534.0
```

Task 5:

Write a program to add ten numbers enter by user in a loop. (For loop)

```
In [5]: total = 0
        for _ in range(10):
            num = float(input("Enter a number: "))
            total += num

        print("The sum of the numbers is:", total)
```

```
Enter a number: 12
Enter a number: 32
Enter a number: 45
Enter a number: 23
Enter a number: 43
Enter a number: 54
Enter a number: 54
Enter a number: 23
Enter a number: 23
Enter a number: 12
The sum of the numbers is: 321.0
```

```
In [ ]:
```