

## **Tasks for If-else Students**

1. According to the day, give kitchen team names.

For Example:- if the user is giving Monday then print the names of those students who are working Monday in the kitchen.

2. In a room, 12 girls can leave you to have to ask for user input which will take a number of girls.

For Example: If girls equal to 12, then the Print room is occupied

If girls are less than 12 Print how many bed are left

If girls are greater than 12 Print these many girls shift them in other room

3. Find the second maximum number from 3 user input without using “and” and “or” operator.

4. Design a calculator

5. Time table of Bangalore campus.

Project :- Make ATM

## **Task for Loop Students**

1. Factorial of any number  $n$  is represented by  $n!$  and is equal to  $1*2*3*....*(n-1)*n$ .

E.g.-  $4! = 1*2*3*4 = 24$ ,  $3! = 3*2*1 = 6$ ,  $2! = 2*1 = 2$ . Also,  $1! = 1$ ,  $0! = 1$

Write a program to calculate the factorial of a number.

- 2 Write a program for Armstrong and strong numbers.

3. Print the following patterns using loop :

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

```
1010101  
10101  
101  
1
```

```
A  
BB  
CCC  
DDDD  
EEEEEE
```

Project : - Guessing Game

### **Task for List Students**

- 
1. Write a Python program to remove duplicates from a list
  2. Write a program to find the sum of all elements of a list.
  3. We have to print the average of even and odd numbers of a list.
  4. Find the count occurrence in the given list [1,1,1,"a","a","b",2,2]

5. Bubble Sort( We have to sort the list according to the ascending order)

6. Make KBC Game

### **Task for Function Students**

1 . Difference between Return and Print

2. Ek function define kijiye jo ki drivers ki speed check karega. Aur ye function speed naam ka ek parameter lega.

1. Agar speed 70 se kam hai to ye “ok” print karega.

2. Agar driver ki speed 70 se jyaada hai to function use har 5 km ke liye 1 point dega (ye 70 ko count nahi karega).

example ke liye agar speed 80 hai to print karega  
“points:2” .

3. Agar driver ko 12 points se jyada points milte hai to , function “License suspended” print karega.

Input:- 85 , 135 Output :- 3, “License suspended”

3. Solve any 5 sums from Loop and list using return statement

4. Make KBC Game in Function

### **Task for JSON Students**

**Complete JSON**

**Make Log-in and Sign-up Page by using Function**

**Hangman Students - Complete Hangman**

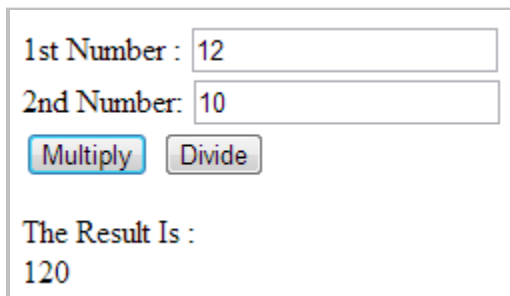
**Make Log-in and Sign-up Page by using Function**

## Request Students - Complete Request

### Task for Javascript Student

. Write a JavaScript program to calculate multiplication and division of two numbers (input from user) .

*Sample form :*



1st Number : 12

2nd Number: 10

Multiply Divide

The Result Is :  
120

JS Tutorial should be completed from W3 School

Promise

Callback

Asynchronous

Async/Await

