

## Q.1 Find factorial of given Range

Program:-

```
//factorial of range
#include<stdio.h>
void main(){
    int n1,n2,i;
    printf("Enter the range :");
    scanf("%d%d",&n1,&n2);
    for(;n1<=n2;n1++){
        printf("%d =",n1);
        for(i=1;i<=n1;i++){
            if(n1%i==0){
                printf("%d, ",i);
            }
        }
        printf("\n");
    }
}
```

## Output:-

The screenshot shows a Windows desktop environment. At the top is a taskbar with various pinned icons. In the center is a command-line window titled 'C:\Users\HP\Desktop\Firstbit\_solution\C Programming\Test\Test4\q1.exe'. The window displays the following text:

```
C:\Users\HP\Desktop\Firstbit_solution\C Programming\Test\Test4\q1.exe
Enter the range :1
10
1 =1,
2 =1, 2,
3 =1, 3,
4 =1, 2, 4,
5 =1, 5,
6 =1, 2, 3, 6,
7 =1, 7,
8 =1, 2, 4, 8,
9 =1, 3, 9,
10 =1, 2, 5, 10,
-----
Process exited after 3.579 seconds with return value 10
Press any key to continue . . .
```

To the right of the command-line window, there is a watermark-like message: 'Activate Windows' and 'Go to Settings to activate Windows.' Below the taskbar, the system tray shows several icons, including a battery icon, a signal strength icon, and a date/time indicator showing '7:41 PM 7/15/2024'.

Q2. Power find by given number.

Program:-

```
//power of number by given by user

#include<stdio.h>

int functpower(int num,int pwr);
void main(){
    int num,pwr;
    printf("Enter the number :");
    scanf("%d",&num);
    printf("Enter how many power you want :");
    scanf("%d",&pwr);
    num=functpower(num,pwr);

    printf("power of given number is :%d",num);
}

int functpower(int num,int pwr){
    int i;
    for(i=1;i<pwr;i++){
        num=num*num;
    }
    return num;
}
```

## Output:-

```
C:\Users\HP\Desktop\Firstbit_solution\C Programming\Test\Test4\q2.exe
Enter the number :12
Enter how many power you want :2
power of given number is :144
-----
Process exited after 4.376 seconds with return value 29
Press any key to continue . . .

Activate Windows
Go to Settings to activate Windows.

Windows Start Type here to search 7:40 PM 7/15/2024
```