

## C Language forth Test

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### Q.1 Find factorial of given Rang

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:-

```
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 . . .
```

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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 . . .
```

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