

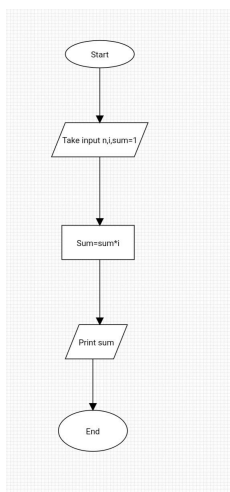
**1. Write a program to compute the factorial of a number. Write the flowchart of the program.**

```
#include <stdio.h>
int main()
{
    int n,sum=1,i;
    printf("Enter the number");
    scanf("%d",&n);
    for(i=1;i<=n;i++)
    {
        sum=sum*i;
    }
    printf("%d",sum);
    return 0 ;
}
```

**Output:-**

Enter the number 6  
720

**Flowchart:-**



**2. Write a program to print the Fibonacci series of length 10. Write the flowchart of the program.**

```
#include <stdio.h>
int main()
{
    int n,x=1,y=1,sum,i;
```

```

printf("Enter any number");
scanf("%d",&n);
for(i=0;i<=n;i++)
{
printf("%d\t",x);
sum=x+y;
x=y;
y=sum;
}
return 0 ;
}

```

### **Output:-**

Enter any number 10

1    1    2    3    5    8    13    21    34    55    89

### **Flowchart:-**

