

EVALUATE THE EXPRESSION:
 $1/1!+2/2!+3/3!+4/4!+5/5!+.....N/N!$

```
#include<stdio.h>
unsigned long fact(int n)
{
    int i;
    unsigned long fact=1;
    for (i=n;i>=1;i--)
    {
        fact=fact*i;
    }
    return fact;
}

int main()
{
    int i,n;
    float sum=0;
    printf("Enter The Value Of N:");
    scanf("%d",&n);
    for (i=1;i<=n;i++)
    {
        sum=sum+( (float) (i) / (float) (fact(i)) );
    }
    printf("Sum Of The Series Is--->>%f",sum);
    return 0;
}
```