

**Problem Statement:**

1.C program to display sum of series  $1+1/2+1/3+.....+1/n$ .

```
#include<stdio.h>
#include<conio.h>
void main()
{
int n,i,sum=0;
clrscr();
printf("enter any no.");
scanf("%d",&n);
printf("1");
for(i=2;i<=n-1;i++)
printf("1/%d+",i);
for(i=1;i<=n;i++)
sum=sum+i;
printf("1/%d",n);
printf("\nSum=1/%d",sum+1\n);
getch();
}
```

**Output:**

enter any no. 7

$1+1/2+1/3+1/4+1/5+1/6+1/7$

Sum=1/28