

/* SUM OF FIRST N NOS */

```
#include<iostream.h>
#include<conio.h>
void main()
{
int sum(int);
int x,y;
clrscr();
cout<<"Enter any positive int number ";
cin>>y;
cout<<"The sum of first "<<y<<" integers= "<<sum(y)<<endl;
getch();
}
int sum(int y)
{
if(y==0)
return 0;
else
return(y+sum(y-1));
}
```

The output of the above program is:-

Enter any positive int number 10

The sum of first 10 integers= 55