**Write a program to calculate sum of first 50 natural numbers using recursive function.**

**#include<stdio.h>**

**#include<conio.h>**

**int sum();**

**int main()**

**{**

**printf("\nSum of first 50 natural num is %d",sum());**

**getch();**

**return 0;**

**}**

**int sum()**

**{**

**static int i=1,s=0;**

**s=s+i;**

**i=i+1;**

**if(i<=50)**

**{**

**sum();**

**}**

**return s;**

**}**