* Recursion

Sum of first n natural numbers

#include<stdio.h>

int rec(int );

int main()

{

int i,sum;

printf("THE SUM OF FIRST N NATURAL NUMBERS USING RECURSION\n");

printf("enter the number:");

scanf("%d",&i);

sum=rec(i);

printf("sum=%d",sum);

return 0;

}

int rec(int a)

{

static int j=1,k;

if(a==1)

return 1;

else

{

j=a+rec(a-1);

return j;

}

}



