PROGRAM 8:

FIB WITH RECURSION

#include<stdio.h>

void printfibonacci(int n)

{

static int n1=0,n2=1,n3;

if (n>0)

{

n3=n1+n2;

n1=n2;

n2=n3;

printf("%d",n3);

printfibonacci(n-1);

}

}

int main()

{

int n;

printf("enter the number of elements");

scanf("%d",&n);

printf("fibonacci series");

printf("%d%d",0,1);

printfibonacci(n-2);

}

OUTPUT:

