***Problem-13:***

***#include<stdio.h>***

***int main()***

***{***

***int a,n,f=0,f1=0,f2=1;***

***printf("Please enter the number: ");***

***scanf("%d",&n);***

***a = n;***

***if(a==1 || a==2)***

***printf("Fibonacci %d Is: 1",n);***

***else{***

***for(; a>=2; a--){***

***f = f1+f2;***

***f1 = f2;***

***f2 = f;***

***}***

***printf("Fibonacci %d Is: %d",n,f);***

***}***

***return 0;***

***}***