**NAME: Devansh Ahuja ROLL NO:03 CLASS:D7A**

**Java code:**

**import java.util.\*;**

**class Prime**

**{**

**public static void main(String args[])**

**{**

**int n,flag=1,i;**

**Scanner ad=new Scanner(System.in);**

**System.out.println("enter number : ");**

**n=ad.nextInt();**

**if(n==1)**

**flag=0;**

**else**

**for(i=2;i<n;i++)**

**if(n%i==0)**

**{**

**flag=0;**

**break;**

**}**

**if(flag==1)**

**System.out.println(n+" is a prime number");**

**else**

**System.out.println(n+" is not a prime number");**

**}**

**}**

**Output:**

