**ASSIGNMENT 10**

**WACP TO PRINT IF THE INPUT VALUE IS PRIME NUMBER OR NOT.**

**#include <stdio.h>**

**void main()**

**{**

**int num,val=0,i;**

**printf("Enter a number:");**

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

**if(num<=1)**

**printf("%d is not prime number",num);**

**else**

**{**

**for(i=1;i<num;i++)**

**{**

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

**val++;**

**}**

**if(val>2)**

**printf("%d is not prime number\n",num);**

**else**

**printf("%d is prime number",num);**

**}**

**}**