

PROGRAM 9

PROGRAM TO FIND OUT WHETHER A NO. IS PRIME OR NOT.

```
#include<stdio.h>
#include<conio.h>
void main()
{
    int num,i;
    clrscr();
    printf("enter any number\n");
    scanf("%d",&num);
    i=2;
    while(i<=num-1)
    {
        if(num%i==0)
        {
            printf("the number is not prime\n");
            break;
        }
        i++;
    }
    if(i==num)
    printf("the number is prime\n");
    getch();
}
```

ROLL NO. =12252