

★ PRACTICAL=26 ★

Aim:= Write a function in the program to return 1 if number is prime otherwise return 0.

Filename :=return1.c

```
#include <stdio.h>
int prime(int );
int main()
{
    int no;
    printf("\n Enter any No : ");
    scanf("%d",&no);
    if(prime(no)==1)
    {
        printf(" %d is Prime",no);
    }
    else { printf(" %d is not Prime",no);
    }
    return 0;
}
int prime(int n)
{
    int i=2;
    while(i<n)
    {
        if(n%i==0)
        {
            break;
        }
        i++;
    }
    if(i==n)
    {
        return 1;
    }
}
```

```
}  
else  
{ return 0;  
}  
}
```

OUTPUT:

```
Enter any No : 45  
45 is not Prime  
  
...Program finished with exit code 0  
Press ENTER to exit console.█
```