Write a C program to determine if the given number is a prime number or not.

```c
#include<stdio.h>
#include<stdbool.h>
int main(){
int n,i,m=0;
bool flag=0;
printf("Enter the number:");
scanf("%d",&n);
m=n/2;
for(i=2;i<=m;i++)
{
    if(n%i==0)
    {
        printf("Number is not prime");
        flag=1;
        break;
    }
}
if(flag==0)
printf("Number is prime");
return 0;
}
```

Output:

Enter the number: 11

Number is prime