

```
#include<iostream>
using namespace std;
int main()
{
    int i,n,count;
    cout<<"Enter the number :";
    cin>>n;
    for(i=2;i<=n;i++)
    {
        if(n%2==0)
        {
            count=count++;
        }
        else if(count==1)
        {
            cout<<"\n number is prime";
        }
        else
        {
            cout<<"\n number is composite";
        }
    }
    return 0;
}
```