

Exercise 8

Write a program that asks the user to type a integer N and that indicates if N is a prime number or not.

```
int N,ok,d;
cout << "Prime check"<< endl;
cout<< "Enter an integer:";
cin>>N;

ok=1;
if (N<2) ok=0;
else
for (d=2; d<=N/2; d++)
if (N%d==0)
ok=0;
if (ok==1)
cout <<N<<"it is a prime!";
else cout<<N<<"it is not a prime!";
```