

example for primes

// Testing for primes
// input - for testing

```
for (i=2; i <= (int) sqrt(double(input)); ++i)
```

```
    if (input % i == 0
```

```
    {
```

```
        flag = true;
```

```
        break;
```

```
    }
```

```
if (flag)
```

```
    cout << "composite\n";
```

```
else
```

```
    cout << "prime\n";
```