1

Generate the output of the following program.

Code:

```cpp
#include <iostream>
using namespace std;

int main()
{
    int n = 1;
    while (n < 30) {
        cout << n + 1 << endl;
        n += n;
    }
    while (n < 60) {
        cout << --n << endl;
        n *= 3;
    }
    cout << n + 1 << endl;
    return 0;
}
```

Output:

```
2
3
5
9
17
31
94
```

2

Generate the output of the following program.

Code:

```cpp
#include <iostream>
using namespace std;

int main() {
    string s = "Delaware";
    for (int i = s.substr(s.find("e", 1), 6).size(); i > 0; i--) {
        cout << s.at(i) << endl;
    }
    for (int i = 0; i <= s.find("l"); i++) {
        cout << s.at(i+2) << endl;
    }
    return 0;
}
```

Output:

```
r
a
w
a
l
e
l
a
w
```