Self Exercise for Week 16

1. Explain why the following program terminates without showing "I love C++."

```
1 #include <iostream>
2 using namespace std;
3 int main()
4 {
5     throw 3;
6     cout << "I love C++" << endl;
7     return 0;
8 }
```

2. Explain why the following program terminates without showing "I love C++."

```
1 #include <iostream>
2 using namespace std;
3 int main()
4 {
5     throw;
6     cout << "I love C++" << endl;
7     return 0;
8 }
```

3. Explain why the following program terminates without showing "I love C++."

```
1 #include <iostream>
2 using namespace std;
3 int main()
4 {
5     try{
6         throw 3.0;
7     } catch (float) {
8         cout << "exception caught" << endl;
9     }
10     cout << "I love C++" << endl;
11     return 0;
12 }
```

Deliverables

A word or pdf file with answers to the above questions.