

Computer Programming (II)

Homework 2

Problem Statement

A Martian who is told to attack will

- shout “I am attacking!!!” if there are three or more Martians in the world, and
- run away otherwise.

To illustrate the above behavior, please modify the following program so that each line outputs its comment (if any):

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

int main()
{
    Martian a;
    Martian b;

    a.attack(); // Sorry, I am running for my life.

    {
        Martian *p = new Martian();

        a.attack(); // I am attacking!!!
        p->attack(); // I am attacking!!!
        delete p;
    }

    a.attack(); // Sorry, I am running for my life.

    Martian c;

    b.attack(); // I am attacking!!!
}
```

Please leave the main function intact. Furthermore, please avoid having non-static data members in your Martian class.

My Screenshot

```
b89053@linux1:/home/student/89/b89053/IN107> ./a.out
Sorry, I am running for my life.
I am attacking!!!
I am attacking!!!
Sorry, I am running for my life.
I am attacking!!!
b89053@linux1:/home/student/89/b89053/IN107> █
```