

Multi Level Inheritance

This challenge is an extension of a previous challenge named Inheritance-Introduction. We highly recommend solving Inheritance-Introduction before solving this problem.

In the previous problem, we learned about inheritance and how can a derived class object use the member functions of the base class.

In this challenge, we explore multi-level inheritance. Suppose, we have a class A which is the base class and we have a class B which is derived from class A and we have a class C which is derived from class B, we can access the functions of both class A and class B by creating an object for class C. Hence, this mechanism is called *multi-level inheritance*. (B inherits A and C inherits B.)

Create a class called *Equilateral* which inherits from *Isosceles* and should have a function such that the output is as given below.

Sample Output

```
I am an equilateral triangle
I am an isosceles triangle
I am a triangle
```