Inmakes Learning Hub ®

Coding Challenges - Decorator

Task 36

Write a program to create an abstract class Animal with an abstract method called **sound()**. Create subclasses Lion and Tiger that extend the Animal class and implement the **sound()** method to make a specific sound for each animal.

Task 37

Write a program to create an abstract class Shape with abstract methods **calculateArea()** and **calculatePerimeter()**. Create subclasses Circle and Triangle that extend the Shape class and implement the respective methods to calculate the area and perimeter of each shape.