Test 4:-

SET 2

1. Create a base class called Shape with virtual functions area() and perimeter(). Derive two classes Rectangle and Triangle from the base class. Implement the area() and perimeter() functions for each class.

```
| According to the product of the pr
```

2. Create a base class called Animal with a virtual function move(). Derive two classes Bird and Fish from the base class. Implement the move() function for each class.

```
abstract class Animal {
    abstract void move();
                                                                                                    The bird flies in the sky.
                                                                                                    The fish swims in the water.
class Bird extends Animal {
                                                                                                    === Code Execution Successful
   void move() {
       System.out.println("The bird flies in the sky.");
class Fish extends Animal {
   void move() {
       System.out.println("The fish swims in the water.");
public class Main {
   public static void main(String[] args) {
       Bird bird = new Bird();
       bird.move();
        Fish fish = new Fish();
        fish.move();
```

3. Create a base class called Person with a virtual function greet(). Derive two classes Student and Teacher from the base class. Implement the greet() function for each class.