```java
class Figure{
        double a;
        double b;
        Figure(double x,double y){
                a = x;
                b = y;
        }
        void area(){
                System.out.println("Area for Fiigure is undefined. ");
                System.out.println("Area is "+0);
        }
}

class Rectangle extends Figure{
        Rectangle(double x,double y){
                super(x,y);
        }
        void area(){
                System.out.println("Inside Area for Rectangle. ");
                System.out.println("Area is "+ (a*b));
        }
}

class Triangle extends Figure{
        Triangle(double x,double y){
                super(x,y);
        }
        void area(){
                System.out.println("Inside Area for Triangle. ");
                System.out.println("Area is "+ (a*b*5));
        }
}
```

```java
public class Additional{
        public static void main(String args[]){
                Rectangle r = new Rectangle(10,5);
                Triangle t = new Triangle(10, 8);
                Figure f = new Figure(1,10);
                f.area();
                Figure figref;
                figref = r;

                figref.area();
                figref = t;

                figref.area();
        }
}
```

```
PS D:\demo_lab(obj)> java Additional
Area for Fiigure is undefined.
Area is 0
Inside Area for Rectangle.
Area is 50.0
Inside Area for Triangle.
Area is 400.0
```