```java
package tppa;

public class TestDrive {
	public static void main (String args[]) {
		int a=5, b=7, c=8, h=6;
		int p = 0;

		System.out.println("a,b,c-laturi, h-inaltime");

		Patrulatere test1=new Patrulatere();
		System.out.println("Aria la Patrat = "+test1.patr(a, b));
		System.out.println("Aria la Paralelogram = "+test1.paral(a, h));
		System.out.println("Aria la Dreptunghi = "+test1.drept(a, b));
		System.out.println("Aria la Trapez = "+test1.trap(a, h));

		Triunghi test2=new Triunghi();
		System.out.println("Aria la Triunghi oarecare = "+test2.to(a, b, c, p));
		System.out.println("Aria la Triunghi dreptunghic = "+test2.td(a, b));
		System.out.println("Aria la Triunghi echilateral = "+test2.te(a));
	}

}
```

```java
package tppa;

public class Patrulatere {
	public double patr(int a, int b) {
		double patr=Math.pow(a, 2);
		return patr;
	}
	public double paral(int a, int h) {
		double paral=a*h;
		return paral;
	}
	public int drept(int a, int b) {
		int drept=a*b;
		return drept;
	}
	public int trap(int a, int h) {
		int trap=a*h;
		return trap;
	}
}
```

```java
package tppa;

public class Triunghi {
	public double to(int a, int b, int c, int p) {
		double p1=(a+b+c)/2;
		double p2=p1*(p1-a)*(p1-b)*(p1-c);
		double to=Math.sqrt(p2);
		return to;

	}
	public double td(int a, int b) {
```