```java
Package blajischi;

public class Tpa {
	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, p-semiperimetru");

		Patrulatere dan1=new Patrulatere();
		System.out.println("Aria la Patrat : "+dan1.patrat(a, b));
		System.out.println("Aria la Paralelogram : "+dan1.paralelogram(a, h));
		System.out.println("Aria la Dreptunghi : "+dan1.dreptunghi(a, b));
		System.out.println("Aria la Trapez : "+dan1.trapez(a, h));

		Triunghi dan2=new Triunghi();
		System.out.println("Aria la Triunghi oarecare : "+dan2.triunghiscalen(a, b,
c, p));
		System.out.println("Aria la Triunghi dreptunghic :
"+dan2.triunghidreptunghic(a, b));
		System.out.println("Aria la Triunghi echilateral :
"+dan2.triunghiechilateral(a));
	}

}
```

```java
package blajischi;

public class Patrulatere {
	public double patrat(int a, int b) {
		double patrat=Math.pow(a, 2);
		return patrat;
	}
	public double paralelogram(int a, int h) {
		double paralelogram=a*h;
		return paralelogram;
	}
	public int dreptunghi(int a, int b) {
		int dreptunghi=a*b;
		return dreptunghi;
	}
	public int trapez(int a, int h) {
		int trapez=a*h;
		return trapez;
	}
}
```

```java
package blajischi;

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