

```
/**
 * Jeu de dés.
 *
 * @author biech153 (Biersbach Chris) / gamca174 (Gamboa Carlos) / olial319 (Olinger Alex)
 * @version 17/01/2019 7:23:50
 * Classe: 3GIG
 */
public class Dice
{
    private String player1;
    private String player2;

    private int points1;
    private int points2;

    public Dice(String pPlayer1, String pPlayer2)
    {
        player1 = pPlayer1;
        player2 = pPlayer2;
    }

    public String getPlayer1()
    {
        return player1;
    }

    public String getPlayer2()
    {
        return player2;
    }

    public int getPoints1()
    {
        return points1;
    }

    public int getPoints2()
    {
        return points2;
    }

    public void throwDices()
    {
        points1 = (int) (Math.random()*6)+1;
        points2 = (int) (Math.random()*6)+1;
    }

    public void printResult()
    {
        String result;
        if (points1 == points2)
        {
            result = "Deuce - there is no winner!";
        }
        else
        {
            result = "The winner is: ";
            if (points1 > points2)
            {
                result = result + player1;
            }
            else
            {
                result = result + player2;
            }
        }

        // Output
        System.out.println("Result of the throws:");
        System.out.println("  "+player1+" => "+points1);
        System.out.println("  "+player2+" => "+points2);
        System.out.println(result);
    }
}
```

```
/**
 * Tester le jeu de dés.
 *
 * @author gamca174 (Gamboa Carlos) / olial319 (Olinger Alex)
 * @version 14/01/2016 07:42:24
 * Classe: 11TG
 */
public class TestDice
{
    /**
     * Programme principal.
     */
    public static void main(String[] args)
    {
        Dice d = new Dice("Tom", "Jerry");

        d.throwDices();
        d.printResult();
        System.out.println();
        d.throwDices();
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        System.out.println();
        d.throwDices();
        d.printResult();
        System.out.println();
        d.throwDices();
        d.printResult();
        System.out.println();
    }
}
```