

## תרגיל שש בש

```
// Import random command
Random rnd = new Random();

// All outputs counter
int Double = 0;
int six = 0;
int Double_six = 0;
int five_six = 0;
int one = 0;

// Repeat a 1000 times
for (int i = 1; i <= 1000; i++)
{
    // Toss two numbers from 1 to 6
    int cube1 = rnd.Next(1, 7);
    int cube2 = rnd.Next(1, 7);

    // Check if the numbers meets the requirements
    // and update counters accordingly
    if (cube1 == cube2)
        Double++;
    if (cube1 == 6)
        six++;
    if (cube2 == 6)
        six++;
    if (cube1 == 6 && cube2 == 6)
        Double_six++;
    if ((cube1 == 5 && cube2 == 6) || (cube1 == 6 && cube2 == 5))
        five_six++;
    if (cube1 == 1)
        one++;
    if (cube2 == 1)
        one++;
}

Console.WriteLine($"Double: {Double} times,");
Console.WriteLine($"Six: {six} times,");
Console.WriteLine($"Double six: {Double_six} times,");
Console.WriteLine($"Five and six: {five_six} times,");
Console.WriteLine($"One: {one} times.");
```