

## CSES Problem Set

# Dice Combinations

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### Submission details

Task:	<a href="#">Dice Combinations</a>
Sender:	glali1978
Submission time:	2024-11-22 19:43:20 +0200
Language:	Java
Status:	READY
Result:	ACCEPTED

### Test results

test	verdict	time	
#1	ACCEPTED	0.13 s	<a href="#">»</a>
#2	ACCEPTED	0.14 s	<a href="#">»</a>
#3	ACCEPTED	0.13 s	<a href="#">»</a>
#4	ACCEPTED	0.13 s	<a href="#">»</a>
#5	ACCEPTED	0.13 s	<a href="#">»</a>
#6	ACCEPTED	0.13 s	<a href="#">»</a>
#7	ACCEPTED	0.13 s	<a href="#">»</a>
#8	ACCEPTED	0.13 s	<a href="#">»</a>
#9	ACCEPTED	0.14 s	<a href="#">»</a>
#10	ACCEPTED	0.13 s	<a href="#">»</a>
#11	ACCEPTED	0.13 s	<a href="#">»</a>
#12	ACCEPTED	0.14 s	<a href="#">»</a>
#13	ACCEPTED	0.15 s	<a href="#">»</a>
#14	ACCEPTED	0.17 s	<a href="#">»</a>
#15	ACCEPTED	0.19 s	<a href="#">»</a>
#16	ACCEPTED	0.18 s	<a href="#">»</a>
#17	ACCEPTED	0.18 s	<a href="#">»</a>
#18	ACCEPTED	0.13 s	<a href="#">»</a>
#19	ACCEPTED	0.18 s	<a href="#">»</a>
#20	ACCEPTED	0.13 s	<a href="#">»</a>

### Code

```

1 import java.util.Scanner;
2
3 public class DiceCombinations{
4     public static void main(String[] args) {
5         // Modulus értéke
6         final int MOD = 1000000007;
7
8         // Input olvasása
9         Scanner sc = new Scanner(System.in);
10        int n = sc.nextInt();
11
12        // DP tömb inicializálása
13        int[] dp = new int[n + 1];
14        dp[0] = 1; // 0 összeg elérésének egyetlen módja
15
16        // Dinamikus programozás töltése
17        for (int i = 1; i <= n; i++) {
18            for (int j = 1; j <= 6; j++) {
19                if (i - j >= 0) {
20                    dp[i] = (dp[i] + dp[i - j]) % MOD;
21                }
22            }
23        }
24    }
25 }

```

### Dynamic Programming

Dice Combinations	
Minimizing Coins	
Coin Combinations I	
Coin Combinations II	
Removing Digits	
Grid Paths	
Book Shop	
Array Description	
...	

### Your submissions

2024-11-22 19:43:20	
2024-11-20 22:06:09	
2024-11-20 22:03:39	
2024-09-20 16:08:10	