

```

public class StackOfStacks
{
    public static void main(String[] args)
    {
        //--- יצירת מערך של מחסניות ---
        Stack <Integer> [] arr = new Stack[5];

        Stack<Integer>s1 = new Stack<Integer>();
        s1.push(1);
        s1.push(2);
        s1.push(3);
        arr[0] = s1;

        Stack<Integer>s2 = new Stack<Integer>();
        s2.push(11);
        s2.push(12);
        s2.push(13);
        arr[1] = s2;

        Stack<Integer>s3 = new Stack<Integer>();
        s3.push(21);
        s3.push(22);
        s3.push(23);
        arr[2] = s3;

        for (int i = 0 ; i < arr.length ; i++)
        {
            System.out.print("arr["+i+"] : ");
            System.out.println(arr[i]);
        }
        System.out.println("\n");

        //--- מחסנית של מחסניות ---
        Stack <Stack<Integer>> stk = new Stack<Stack<Integer>>();

        Stack<Integer>s4 = new Stack<Integer>();
        s4.push(1);
        s4.push(2);
        s4.push(3);
        stk.push(s4);

        Stack<Integer>s5 = new Stack<Integer>();
        s5.push(11);
        s5.push(12);
        s5.push(13);
        stk.push(s5);

        Stack<Integer>s6 = new Stack<Integer>();
        s6.push(21);
        s6.push(22);
    }
}

```

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s6.push(23);
stk.push(s6);

System.out.println(stk);
}
}

/*
arr[0] : [3 , 2 , 1]
arr[1] : [13 , 12 , 11]
arr[2] : [23 , 22 , 21]
arr[3] : null
arr[4] : null

[[23 , 22 , 21] , [13 , 12 , 11] , [3 , 2 , 1]]

*/
```