**import** java.io.\*;

**import** java.util.Scanner;

**class** Stack{

**private** **int**[] stack;

**int** sp = 0;

Stack(){ stack = **new** **int**[10];}

**public** **void** push(**int** data) {**if**(sp == 10) System.***out***.println("overflow"); **else** stack[sp++] =data;}

**public** **int** pop() { **return** stack[--sp];}

**public** **void** print(**int** x) {**for**(**int** i = 0; i < x; i++) System.***out***.printf("%-4d ", stack[i]);}

}

**public** **class** Test1 {

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

Scanner sc = **new** Scanner(System.***in***);

Stack st = **new** Stack();

**int** a, n = 5;

System.***out***.print("입력하시오:");

**for**(**int** i = 0; i < n; i++) {

a= sc.nextInt();

st.push(a);

}

st.print(n);

System.***out***.println("");

**for**(**int** i = 0; i < n; i++)

System.***out***.printf("%-4d ", st.pop());

}

}

