

PILA con Stack	PILA con Vector (solo il main)
<pre> import java.util.*; class ProgPila { //----- MAIN public static void main (String[] args) { Stack <Integer> pila; pila = new Stack <Integer> (); int num, sum = 0; Integer numObj; System.out.println("Inserimento nella pila: "); for (int i=0; i<10; i++) { num = (int) (Math.random()*100); //--- Returns an Integer instance //--- representing the specified int value. numObj = Integer.valueOf (num); sum += numObj.intValue(); System.out.print (numObj + " "); pila.push(numObj); } System.out.print("\n\nElementi nella pila: "); System.out.print (pila.size()); System.out.print ("\t\t valore totale: "); System.out.println (sum); while (! pila.empty()) { //----- casting dell'Object restituito da pop() numObj = pila.pop(); System.out.print (numObj + " "); } System.out.println (); } } </pre>	<pre> class ProgPila { //----- MAIN public static void main (String[] args) { Pila pila = new Pila(); int num, sum = 0; Integer numObj; System.out.println("Inserimento nella pila: "); for (int i=0; i<10; i++) { num = (int) (Math.random()*100); //--- Returns an Integer instance //--- representing the specified int value. numObj = Integer.valueOf (num); sum += numObj.intValue(); System.out.print (numObj + " "); pila.push(numObj); } System.out.print("\n\nElementi nella pila: "); System.out.print (pila.size()); System.out.print ("\t\t valore totale: "); System.out.println (sum); while (! pila.vuota()) { //----- casting dell'Object restituito da pop() numObj = (Integer) pila.pop(); System.out.print (numObj + " "); } System.out.println (); } } </pre>

<https://docs.oracle.com/javase/8/docs/api/java/lang/Object.html>

<https://docs.oracle.com/en/java/javase/19/docs/api/java.base/java/lang/Integer.html>

<https://docs.oracle.com/javase/8/docs/api/java/util/AbstractCollection.html>

<https://docs.oracle.com/javase/8/docs/api/java/util/AbstractList.html>

<https://docs.oracle.com/javase/8/docs/api/java/util/Vector.html>

<https://docs.oracle.com/javase/8/docs/api/java/util/Stack.html>