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| **Name: KEY** | **Period:** |

**Determine the output for each program that follows.**

**Print the exact output in the blank cell next to the program.**

**If a program has an index error, print *Index Error*.**

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| --- | --- |
| public class Ex1101  {  public static void main (String args[])  {  int list[] = {11,99,22,88,33,77,44,66,55};  System.out.println(list[0]);  }  } | 11 |
| public class Ex1102  {  public static void main (String args[])  {  int list[] = {11,99,22,88,33,77,44,66,55};  for (int index = 0; index <= 9; index++)  System.out.println(list[index]);  }  } | *Index Error* |
| public class Ex1103  {  public static void main (String args[])  {  int list[] = {11,99,22,88,33,77,44,66,55};  for (int index = 8; index >= 0; index--)  System.out.println(list[index]);  }  } | 55  66  44  77  33  88  22  99  11 |
| public class Ex1104  {  public static void main (String args[])  {  int list[] = {3,1,4,1,5,9,2,6,5,3,5,8,9,7,9,3,2,3};  for (int index = 0; index < list.length; index++)  System.out.print(list[index] + " ");  }  } | **3 1 4 1 5 9 2 6 5 3 5 8 9 7 9 3 2 3** |
| public class Ex1105  {  public static void main (String args[])  {  int list[] = new int[5];  for (int index = 0; index < list.length; index++)  System.out.print(list[index] + " ");  }  } | 0 0 0 0 0 |
| public class Ex1106  {  public static void main (String args[])  {  int list[] = new int[5];  list[4] = 9999;  for (int index = 0; index < list.length; index++)  System.out.print(list[index] + " ");  }  } | 0 0 0 0 9999 |
| public class Ex1107  {  public static void main (String args[])  {  int list[] = new int[5];  list[1] = list[3] = 9999;  for (int index = 0; index < list.length; index++)  System.out.print(list[index] + " ");  }  } | 0 9999 0 9999 0 |
| public class Ex1108  {  public static void main (String args[])  {  int list[] = new int[5];  list[0] = list[2] = list[4] = 9999;  for (int index = 0; index < list.length; index++)  System.out.print(list[index] + " ");  }  } | 9999 0 9999 0 9999 |
| public class Ex1109  {  public static void main (String args[])  {  int list[] = new int[5];  list[5] = 9999;  for (int index = 0; index < list.length; index++)  System.out.print(list[index] + " ");  }  } | *Index Error* |
| public class Ex1110  {  public static void main (String args[])  {  int list[] = {11,99,22,88,33,77,44,66,55};  list[1] = list[4];  list[5] = list[8];  list[8] = list[2];  list[3] = list[0];  for (int index = 0; index < list.length; index++)  System.out.print(list[index] + " ");  }  } | **11 33 22 11 88 55 44 66 22** |
| public class Ex1111  {  static int list[] = {11,99,22,88,33,77,44,66,55};  public static void main (String args[])  {  swap(1,4);  swap(2,5);  swap(3,6);  for (int index = 0; index < list.length; index++)  System.out.print(list[index] + " ");  }  public static void swap(int a, int b)  {  list[a] = list[b];  list[b] = list[a];  }  } | **11 33 77 44 33 77 44 66 55** |
| public class Ex1112  {  static int list[] = {11,99,22,88,33,77,44,66,55};  public static void main (String args[])  {  swap(1,4);  swap(2,5);  swap(3,6);  for (int index = 0; index < list.length; index++)  System.out.print(list[index] + " ");  }  public static void swap(int a, int b)  {  int temp = list[a];  list[a] = list[b];  list[b] = temp;  }  } | **11 33 77 44 99 22 88 66 55** |
| public class Ex1113  {  public static void main (String args[])  {  int list1[] = {3,1,4,1,5,9,2,6,5,3,5,8,9,7,9,3,2,3};  int list2[] = new int[500];  System.out.println(list1.length);  System.out.println(list2.length);  }  } | 18  500 |
| public class Ex1114  {  public static void main (String args[])  {  int list[] = {11,99,22,88,33,77,44,66,55};    for(int index = 0; index < list.length; index++)  list[index]--;    for (int index = 0; index < list.length; index++)  System.out.print(list[index] + " ");  }  } | **10 98 21 87 32 76 43 65 54** |
| public class Ex1115  {  public static void main (String args[])  {  int list[] = {11,99,22,88,33,77,44,66,55};  list[1] = list[2] + list[4];  int x = 1;  if (list[1] == list[8])  x++;    for(int index = 0; index < list.length; index++)  list[index] \*= x;    for (int index = 0; index < list.length; index++)  System.out.print(list[index] + " ");  }  } | **22 198 22 176 33 154 88 132 110** |
| public class Ex1116  {  public static void main (String args[])  {  int list[] = {3,1,4,1,5,9,2,6,5,3,5,8,9,7,9,3,2,3};  System.out.println(list[list.length]);  }  } | *Index Error* |
| public class Ex1117  {  public static void main (String args[])  {  int list[] = {3,1,4,1,5,9,2,6,5,3,5,8,9,7,9,3,2,3};  System.out.println(list[list.length - 1]);  }  } | 3 |