# PROGRAM TRACE TABLE for ArrayTraceExample.java

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Line# | Program Statement | Values | I |  |  |  |
| 3 | Int[] values = new int[5] | [] |  |  |  |  |
| 4 | For(int I = 1; I < 5; i++) |  | 1 |  |  |  |
| 5 | Values[i] = I + values[i-1]; | [ ,1] | 1 |  |  |  |
|  |  | [ , 1, 3] | 2 |  |  |  |
|  |  | [ , 1, 3, 6] | 3 |  |  |  |
|  |  | [ , 1, 3, 6, 10] | 4 |  |  |  |
| 7 | Values[0] = values[1] + values[4] | [11, 1, 3, 6, 10] |  |  |  |  |

## OUTPUT:

| Line# | Program Output (please list this exactly as it appears on the screen) (NOT what is listed in the program source code) |
| --- | --- |
| **9** | System.out.println(values[0]); - 11 |
|  |  |
|  |  |

## Directions:

You should remove these directions before handing in this file for homework assignments, etc. Failure to do so will result in a loss of points.

You'll notice that there are a number of extra columns, labeled "Extra Column N" where N is a number. Feel free to use these columns to keep track of anything you want to. *DO* change the column label, so that it's clear what you're keeping track of. Any columns that you don't use, you should get rid of, by deleting them.