Using the attached code, identify your assumptions at each line for the input

Tracing pointers

Names:

Input array size as:

6

Random values are:

8, 11, 2, -10, 18, 10

For pointers, only record the last 3 values.

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| --- |
| Line A: integer ***numVals***=\_\_\_\_\_\_\_\_\_\_ |
| Line B: integer **i**=\_\_\_\_\_\_\_\_\_\_ |
| Line C: pointer **sortingList**=\_\_\_\_\_\_\_\_\_\_ |
| Line D: **numVals**=\_\_\_\_\_\_\_\_\_\_ |
| Line E: pointer **sortingList** =\_\_\_\_\_\_\_\_\_\_  &**sortingList**[0]= \_\_\_\_\_\_\_ &**sortingList**[1]= \_\_\_\_\_\_\_ &**sortingList**[2]= \_\_\_\_\_\_\_ &**sortingList**[3]= \_\_\_\_\_\_\_  &**sortingList**[4]= \_\_\_\_\_\_\_ &**sortingList**[5]= \_\_\_\_\_\_\_  Line F: \***listPtr=\_\_\_\_\_\_\_\_\_**  Line G:  **sortingList**[0] =\_\_\_\_\_\_ **sortingList**[1] =\_\_\_\_\_\_ **sortingList**[2] =\_\_\_\_\_\_ **sortingList**[3] =\_\_\_\_\_\_ **sortingList**[4] =\_\_\_\_\_\_ **sortingList**[5] = \_\_\_\_\_\_  *\*\* address of each array element* |
| Line H:  **\*intList**[0] =\_\_\_ **\*intList**[1] =\_\_\_ **\*intList**[2] =\_\_\_ **\*intList**[3] =\_\_\_ **\*intList**[4] =\_\_\_ **\*intList** [5] = \_\_\_  *\*\* value of each array element*  Line I:  **\*intList**[0] =\_\_\_ **\*intList**[1] =\_\_\_ **\*intList**[2] =\_\_\_ **\*intList**[3] =\_\_\_ **\*intList**[4] =\_\_\_ **\*intList** [5] = \_\_\_  *\*\* value of each array element* |
| Line K: pointer **sortingList** =\_\_\_\_\_\_\_\_\_\_  **sortingList**[0]= \_\_\_\_\_\_\_ **sortingList**[1]= \_\_\_\_\_\_\_ **sortingList**[2]= \_\_\_\_\_\_\_ **sortingList**[3]= \_\_\_\_\_\_\_  **sortingList**[4]= \_\_\_\_\_\_\_ **sortingList**[5]= \_\_\_\_\_\_\_ |

Use Replit main.c to run the debugger and verify that your predictions are correct

Text

Description automatically generated with medium confidence

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| --- |
| What prediction(s) failed?  Why? |