| NAME: | TRISECT INSTITUTE | JLAB-R5 |
|-------|-------------------|---------|
|       |                   |         |

DATE: \_\_\_\_\_ Job Oriented Java

| Task 1     | Given n as input. Print following pattern using For loop. |                 |  |
|------------|---|-----------------|--|
|            | Input   | Expected Output |  |
|            | n = 2   | 1               |  |
|            |   | 121             |  |
| Test Cases | n = 4   | 1               |  |
|            |   | 121             |  |
|            |   | 12321           |  |
|            |   | 1234321         |  |

| Task 2     | Given two input arrays as input. Create a new array containing all elements from both the input arrays except multiples of 2 and 3.  Print this new array along with its size. |                  |  |
|------------|--|------------------|--|
|            | Input  | Expected Output  |  |
|            | {1,2}, {3,4,5}   | New array size:2 |  |
|            |  | 1                |  |
|            |  | 5                |  |
| Test Cases | {17,13,5}, {2,6,11}  | New array size:4 |  |
|            |  | 17               |  |
|            |  | 13               |  |
|            |  | 5                |  |
|            |  | 11               |  |
|            | {2,3}, {8,9}   | New array size:0 |  |