

## ODESK SENIOR JAVA ENGINEER TECHNICAL TEST – INSTRUCTIONS

### RUNNING NOTES

To run a process using the command given in the challenge, the `java.exe` application must be in the machine's system path, and the current folder must be the one containing *RotateArray.jar*. If either or both of these conditions is not true, then path information will need to be added to the command to allow the machine to know where these two files are in its file system. For example, from the root folder of the supplied project, one can enter in a command prompt window:

```
\[Path of project folder]\RotateArray>java -jar dist\RotateArray.jar 2 1 2 3 4 5 6
```

to obtain the results

```
Rotation distance = 2.  
Input array      = [1, 2, 3, 4, 5, 6].  
Rotated array    = [5, 6, 1, 2, 3, 4].
```

Enter fewer than two run-time parameters when running the *.jar* file to see the usage required, which is:

```
Usage: I need at least 2 parameters:  
1:    an integer, which is the number of positions the array is to be rotated.  
2...: at least one integer, which numbers represent the array to be rotated.
```

To run the unit tests, the best way is to use a (NetBeans or other) IDE, in order to keep the unit tests separate from any production code. Otherwise, the unit test file can be found from the project root folder at

```
\[Path of project folder]\test\com\gmail\uk\ianmarshall\odesk\RotateArrayTest.java
```

and one will have to build the *.class* file from there.

Enjoy?