

# Exercise Nine

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9.1 Create a new Project called exercise\_9 with a Package called exercise\_9, copy ex8\_4 from exercise\_8 and rename it as ex9\_1. Remove all the processing.

Create an Integer array called numbers, make it an empty array with 10 'slots'

Using a 'For' loop, loop through the numbers array populating it with the current value of the loop. Create a second loop using a for-each loop, output the numbers array ...

0  
1  
2  
3  
4  
5  
6  
7  
8  
9



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9.2 Copy the ex9\_1 class and rename it ex9\_2. Create a new char array called alphabet and create it with 26 blank 'slots'. Populate the array with a for loop of the values of the alphabet, remembering that 'A' is 65, create a second loop outputting the contents of alphabet ...

*ABCDEFGHIJKLMNOPQRSTUVWXYZ*

9.3 Copy the ex9\_2 class and rename it ex9\_3. Clear any processing from the main method. Create an int array called cube, make it 3 x 3 empty slots.

Populate the cube array using two loops, one within the other, the outer loop will provide the 'X' co-ordinate and the inner loop the 'Y', together they will provide the values as follows ...

	0	1	2
0	1	2	3
1	4	5	6
2	7	8	9

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9.3 continued ...

	0	1	2
0	1	2	3
1	4	5	6
2	7	8	9

Create a second set of loops which prints the contents of the cube array ...

*123*  
*456*  
*789*