



# Introduction to Programming with Java

Class: **SplitArray.java**

Score: ★★ (Easy)

## Description:

Write a program that creates an array with random numbers then splits the array into 2 halves at its middle point. Size of the array **arraySize** is taken from the user. Note that your program should fill the all elements of array with random numbers in range [0-10].

*You can split odd sized arrays at the point  $(arraySize-1) / 2$*

## Sample Run:

```
This program generates random numbers and split them.  
Enter how many random numbers to generate: 6  
Main Array Contents:  
[5, 2, 5, 3, 3, 3]  
First Half Contents:  
[5, 2, 5]  
Second Half Contents:  
[3, 3, 3]
```