

Lab Goal : This lab was designed to teach you how to use an array.

Lab Description : Instantiate an array and load it with values. Write methods to determine how many of the values in the array are odd and how many are even. The methods should return arrays that contain the odds and evens.

Sample Data :

```
2 4 6 8 10 12 14
1 2 3 4 5 6 7 8 9
2 10 20 21 23 24 40 55 60 61
```

Files Needed ::

```
OddsAndEvens.java
OddsAndEvensRunner.java
```

Sample Output :

```
Odds - []
Evens - [2, 4, 6, 8, 10, 12, 14]
```

```
Odds - [1, 3, 5, 7, 9]
Evens - [2, 4, 6, 8]
```

```
Odds - [21, 23, 55, 61]
Evens - [2, 10, 20, 24, 40, 60]
```

basic array code

```
int[] array = {3,4,5,65,6,7,8,81};
for(int num : array)
{
    out.println(num);
}
```

+10 Bonus

Use a Scanner to read in the array values from the keyboard.