

Array Questions

1. write a function which rotate an integer array by given amount. As demenstrated:

[1, 2, 3, 4, 5, 6] -> rotate by +1 -> [6, 1, 2, 3, 4, 5]

[1, 2, 3, 4, 5, 6] -> rotate by +3 -> [4, 5, 6, 1, 2, 3]

[1, 2, 3, 4, 5, 6] -> rotate by -2 -> [3, 4, 5, 6, 1, 2]

```
public class ArrayTest {  
    public static void main(String[] args) {  
    }  
}
```

2. write a function that take two sorted array of integers and returns a merged sorted array. (in same order of two initial array)

```
public class ArrayTest {  
    public static void main(String[] args) {  
    }  
}
```

3. Consider an integer matrix representing altitude values of a terrain. Write a function which takes a terrain map represented with an integer matrix and marks all hills and holes on it.

```
public class ArrayTest {  
    public static void main(String[] args) {  
    }  
}
```
