

Part 2 Q 1:

```
// Using QueueArr from Example06 and utilizing dequeue function
public static boolean hasEqualHalves(String s) {
```

```
    // defines a known half for the strings length
    int halfSize = s.length() / 2;
```

```
    // sets queue at size half
    QueueArr<Character> q = new QueueArr<>(halfSize);
```

```
    // enqueue the first half of the string
    for(int i = 0; i < halfSize; i++) {
        q.enqueue(s.charAt(i));
    }
```

```
    // dequeue first half for comparison with second half
    for(int i = halfSize; i < s.length(); i++) {
```

```
        // check that last half matches on a per character basis
        if(q.dequeue() != s.charAt(i)) {
```

```
            // at least 1 character conflicts
            return false;
        }
    }
```

```
    // entire string has been compared without being flagged false
    return true;
}
```