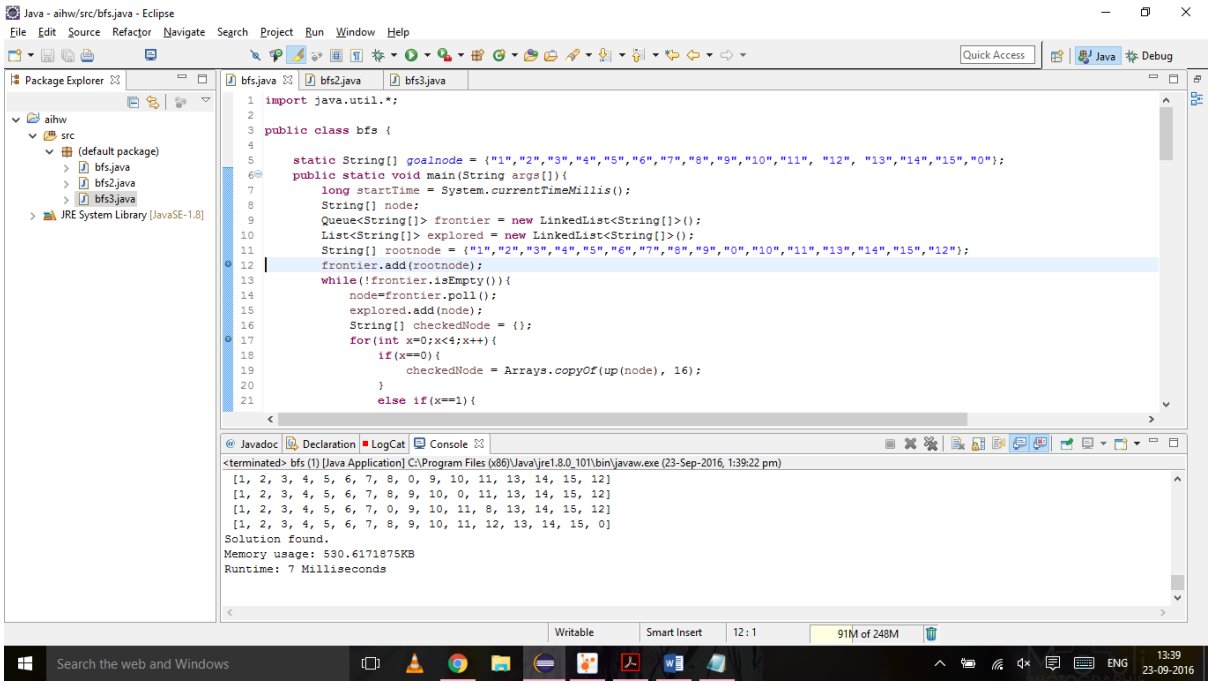
Keshav Malpani
UIN: 671090436

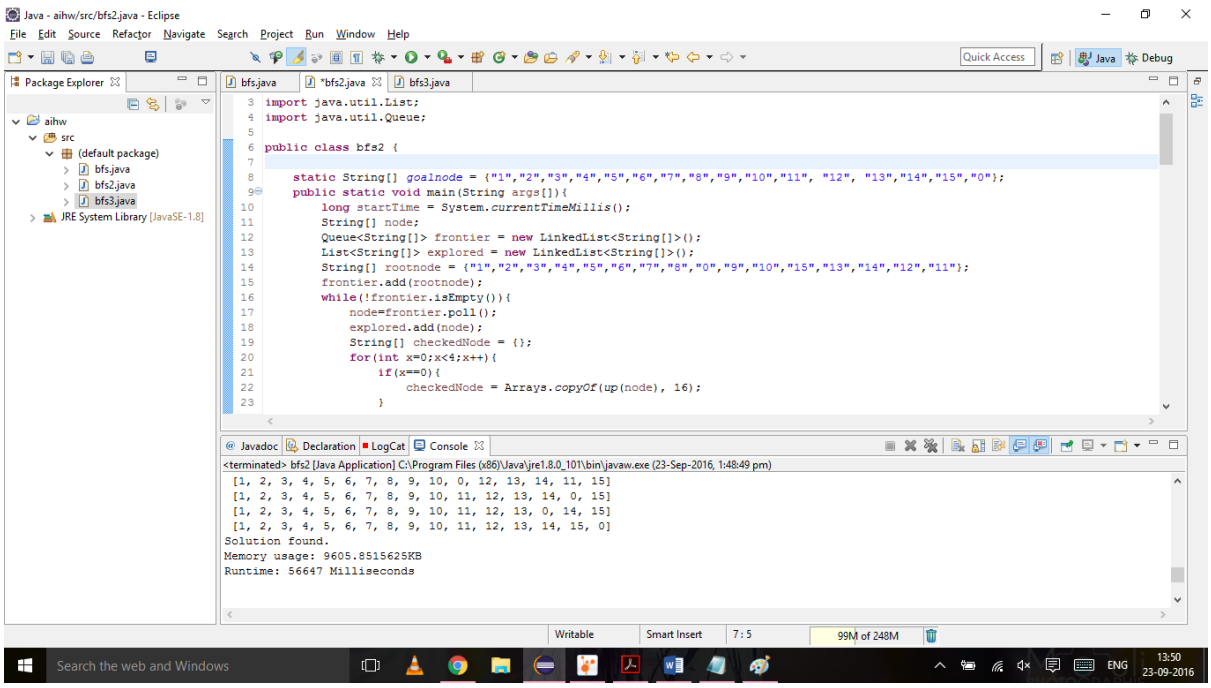
Initial Case 1:

```
Memory usage: 530.6171875KB
Runtime: 6 Milliseconds
```



Initial Case 2:

```
Memory usage: 9605.8515625KB
Runtime: 57523 Milliseconds
```



Initial Case 3:

```
Memory usage: ?
Runtime: ?
```