

Homework 2
Ricky Peng

1. This will print out 45

```
int[][] arr = {{1,2,3},{4,5,0},{7,8,9}};  
int sum = 0;  
for( int i = 0; i < 3; i++) {  
    for( int j = 0; j < 3; j++) {  
        sum += arr[i][i]; // this is not a misprint  
    }  
}  
System.out.println(sum);
```

2. The three blanks should be 5, 5, 4