2102 HW5

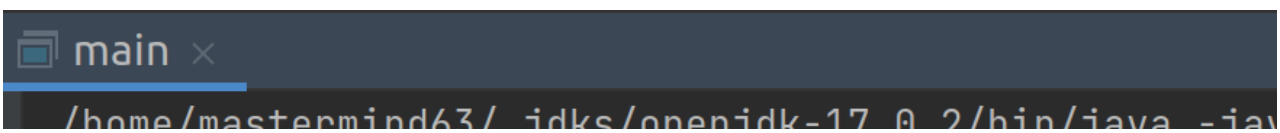
Testcases

- 2 Employees

```
main
/home/mastermind63/.jdks/openjdk-17.0.2/bin/java
Enter the number of employees:
2
Enter the data for employee # 1
Enter the name of the employee:
Jimmy Hoffa
Enter the employee's salary:
60000
Enter the data for employee # 2
Enter the name of the employee:
Tony Montana
Enter the employee's salary:
45000
Average salary per employee is $52500.0
The following had the highest salary:
Name: Jimmy Hoffa
Salary: 60000.0
$7500.0 above the average.
The rest performed as follows:
Name: Tony Montana
Salary: 45000.0
$7500.0 below the average.

Process finished with exit code 0
```

- 3 Employees



```
/home/mastermind03/.jdks/openjdk-17.0.2/bin/java "-ja
Enter the number of employees:
3
Enter the data for employee # 1
Enter the name of the employee:
Jim Carey
Enter the employee's salary:
4500000
Enter the data for employee # 2
Enter the name of the employee:
Brendan Fraisier
Enter the employee's salary:
200000
Enter the data for employee # 3
Enter the name of the employee:
Backup Dancer #3
Enter the employee's salary:
1500
Average salary per employee is $1567166.6
The following had the highest salary:
Name: Jim Carey
Salary: 4500000.0
$2932833.5 above the average.
The rest performed as follows:
Name: Brendan Fraisier
Salary: 200000.0
$1367166.6 below the average.
Name: Backup Dancer #3
Salary: 1500.0
$1565666.6 below the average.

Process finished with exit code 0
```

Part B

A potential scenario in which one could reuse this program would be if you were to make a system that would intake people's heights in cm of a classroom of students and would find the average of their heights. This program would then be able to display for each student their height relative to other students and the average.