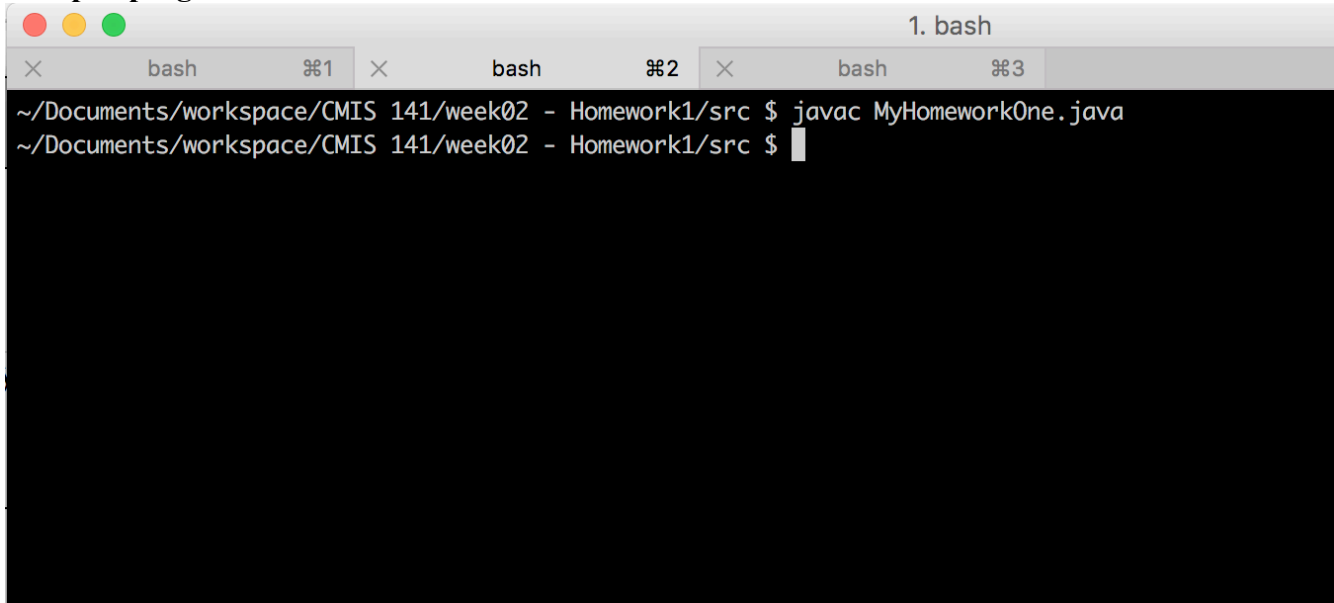


Nicole Donnelly Homework 1

Screen captures

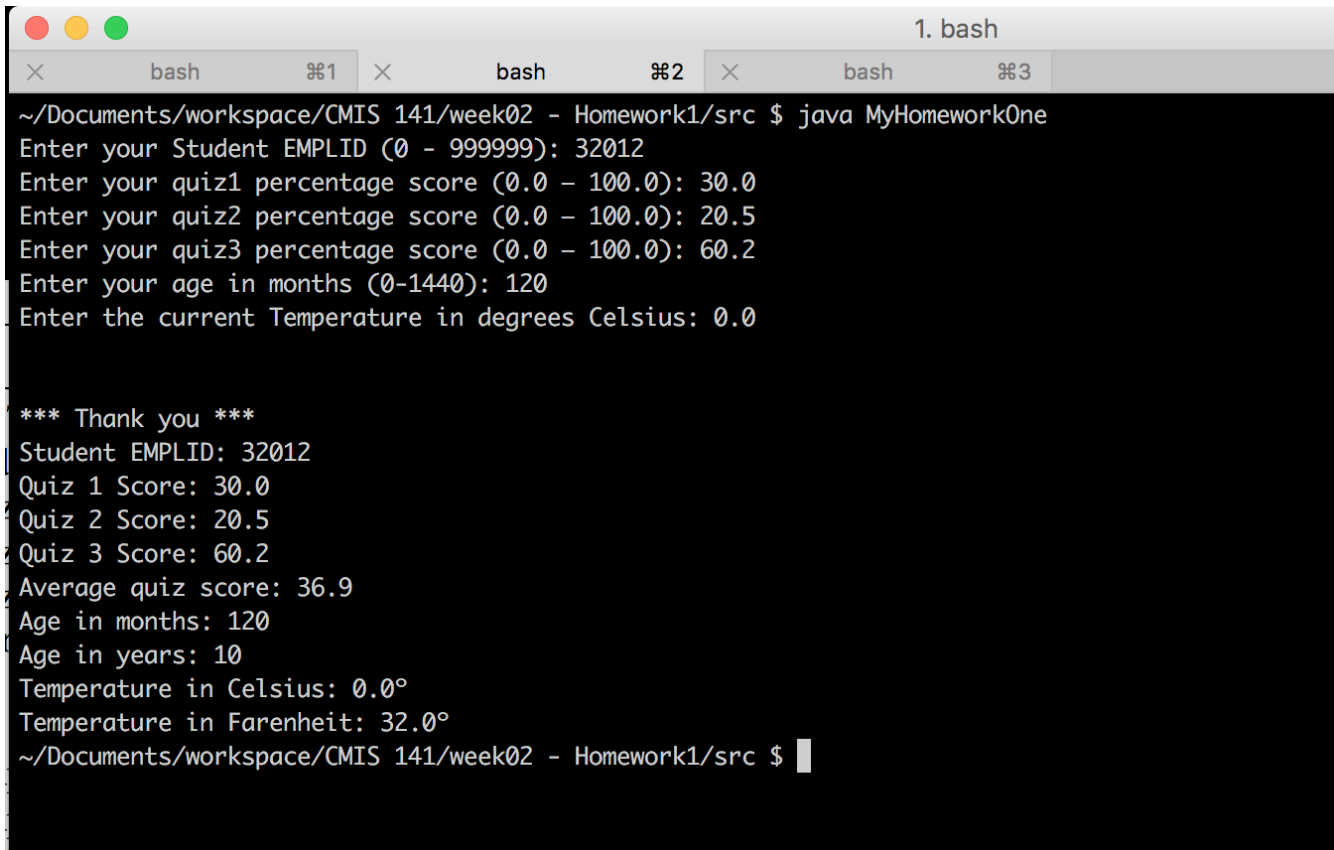
Compile program



A terminal window titled "1. bash" with three tabs labeled "bash", "bash", and "bash". The terminal shows the command `javac MyHomeworkOne.java` being executed in the directory `~/Documents/workspace/CMIS 141/week02 - Homework1/src`. The prompt is `$` and the command is followed by a cursor.

```
~/Documents/workspace/CMIS 141/week02 - Homework1/src $ javac MyHomeworkOne.java
~/Documents/workspace/CMIS 141/week02 - Homework1/src $
```

TestCase1

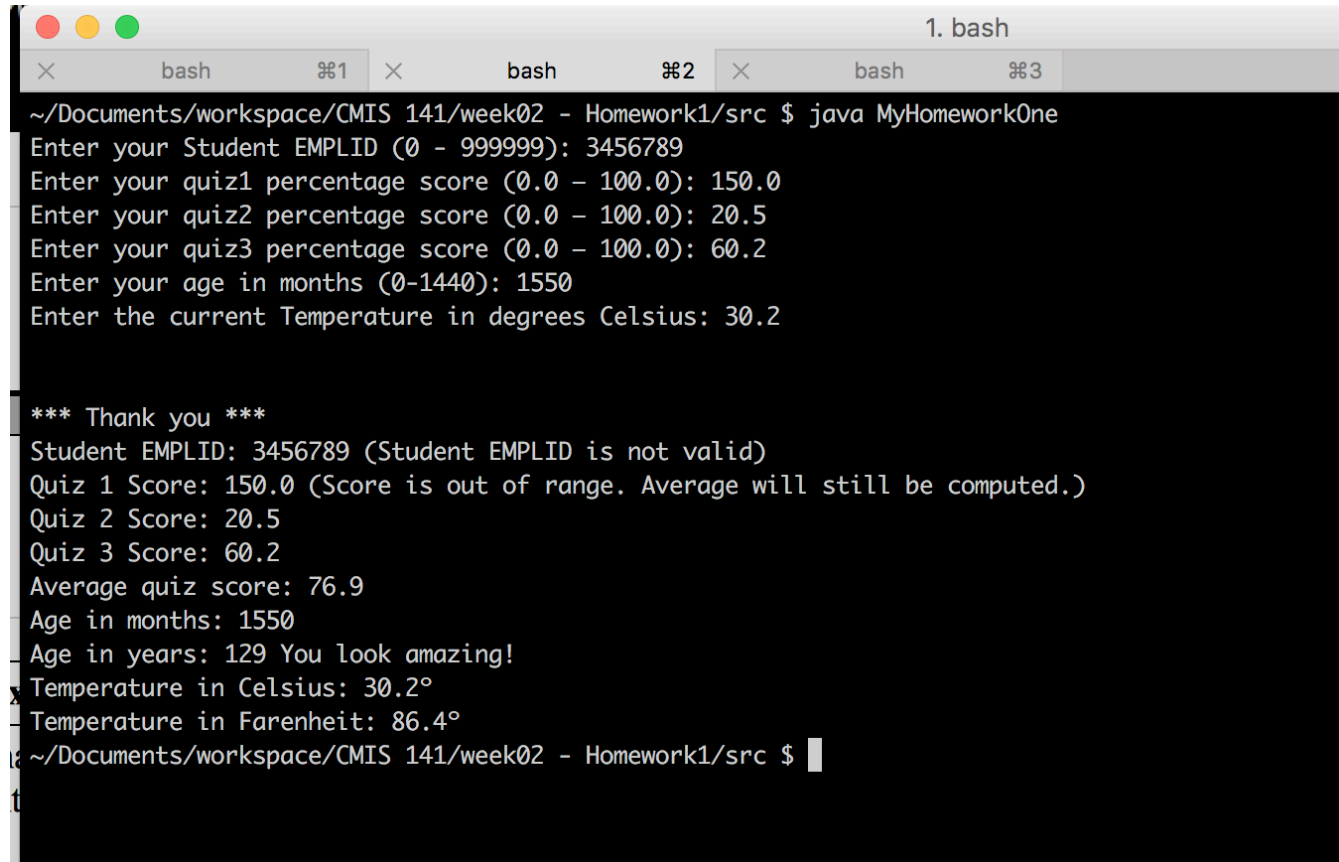


A terminal window titled "1. bash" with three tabs labeled "bash", "bash", and "bash". The terminal shows the command `java MyHomeworkOne` being executed in the directory `~/Documents/workspace/CMIS 141/week02 - Homework1/src`. The program prompts for user input and displays the results.

```
~/Documents/workspace/CMIS 141/week02 - Homework1/src $ java MyHomeworkOne
Enter your Student EMPLID (0 - 999999): 32012
Enter your quiz1 percentage score (0.0 - 100.0): 30.0
Enter your quiz2 percentage score (0.0 - 100.0): 20.5
Enter your quiz3 percentage score (0.0 - 100.0): 60.2
Enter your age in months (0-1440): 120
Enter the current Temperature in degrees Celsius: 0.0

*** Thank you ***
Student EMPLID: 32012
Quiz 1 Score: 30.0
Quiz 2 Score: 20.5
Quiz 3 Score: 60.2
Average quiz score: 36.9
Age in months: 120
Age in years: 10
Temperature in Celsius: 0.0°
Temperature in Farenheit: 32.0°
~/Documents/workspace/CMIS 141/week02 - Homework1/src $
```

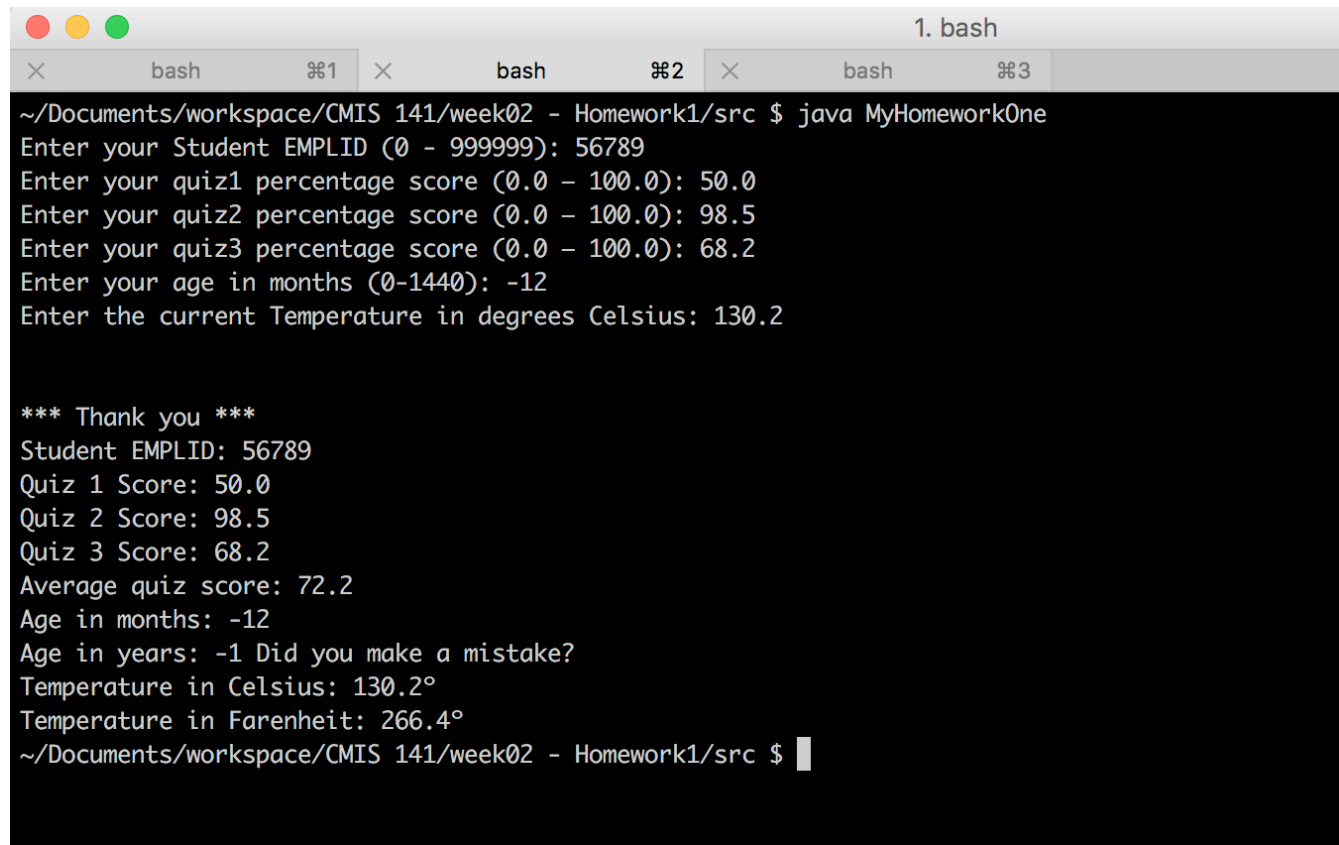
TestCase2



```
1. bash
bash %1 bash %2 bash %3
~/Documents/workspace/CMIS 141/week02 - Homework1/src $ java MyHomeworkOne
Enter your Student EMPLID (0 - 999999): 3456789
Enter your quiz1 percentage score (0.0 - 100.0): 150.0
Enter your quiz2 percentage score (0.0 - 100.0): 20.5
Enter your quiz3 percentage score (0.0 - 100.0): 60.2
Enter your age in months (0-1440): 1550
Enter the current Temperature in degrees Celsius: 30.2

*** Thank you ***
Student EMPLID: 3456789 (Student EMPLID is not valid)
Quiz 1 Score: 150.0 (Score is out of range. Average will still be computed.)
Quiz 2 Score: 20.5
Quiz 3 Score: 60.2
Average quiz score: 76.9
Age in months: 1550
Age in years: 129 You look amazing!
Temperature in Celsius: 30.2°
Temperature in Farenheit: 86.4°
~/Documents/workspace/CMIS 141/week02 - Homework1/src $
```

TestCase3



A terminal window titled "1. bash" with three tabs labeled "bash", "bash", and "bash". The window shows the execution of a Java program named "MyHomeworkOne". The program prompts for several inputs: Student EMPLID (56789), quiz1 percentage score (50.0), quiz2 percentage score (98.5), quiz3 percentage score (68.2), age in months (-12), and current temperature in degrees Celsius (130.2). After processing, it displays the following output: "*** Thank you ***", "Student EMPLID: 56789", "Quiz 1 Score: 50.0", "Quiz 2 Score: 98.5", "Quiz 3 Score: 68.2", "Average quiz score: 72.2", "Age in months: -12", "Age in years: -1 Did you make a mistake?", "Temperature in Celsius: 130.2°", and "Temperature in Farenheit: 266.4°". The terminal ends with the prompt "~ /Documents/workspace/CMIS 141/week02 - Homework1/src \$".

```
~/Documents/workspace/CMIS 141/week02 - Homework1/src $ java MyHomeworkOne
Enter your Student EMPLID (0 - 999999): 56789
Enter your quiz1 percentage score (0.0 - 100.0): 50.0
Enter your quiz2 percentage score (0.0 - 100.0): 98.5
Enter your quiz3 percentage score (0.0 - 100.0): 68.2
Enter your age in months (0-1440): -12
Enter the current Temperature in degrees Celsius: 130.2

*** Thank you ***
Student EMPLID: 56789
Quiz 1 Score: 50.0
Quiz 2 Score: 98.5
Quiz 3 Score: 68.2
Average quiz score: 72.2
Age in months: -12
Age in years: -1 Did you make a mistake?
Temperature in Celsius: 130.2°
Temperature in Farenheit: 266.4°
~/Documents/workspace/CMIS 141/week02 - Homework1/src $
```

Test Cases

Input	Expected Output	Actual Output	Pass?
EMPLID: 32012 Quiz1: 30.0 Quiz2: 20.5 Quiz3: 60.2 Age in months: 120 Temperature in Celsius: 0.0	*** Thank you *** Student EMPLID: 32012 Quiz 1 Score: 30.0 Quiz 2 Score: 20.5 Quiz 3 Score: 60.2 Average quiz score: 36.9 Age in months: 120 Age in years: 10 Temperature in Celsius: 0.0° Temperature in Fahrenheit: 32.0°	*** Thank you *** Student EMPLID: 32012 Quiz 1 Score: 30.0 Quiz 2 Score: 20.5 Quiz 3 Score: 60.2 Average quiz score: 36.9 Age in months: 120 Age in years: 10 Temperature in Celsius: 0.0° Temperature in Fahrenheit: 32.0°	Yes
EMPLID: 3456789 Quiz1: 150.0 Quiz2: 20.5 Quiz3: 60.2 Age in months: 1550 Temperature in Celsius: 30.2	*** Thank you *** Student EMPLID: 3456789 (Student EMPLID is not valid) Quiz 1 Score: 150.0 (Score is out of range. Average will still be computed.) Quiz 2 Score: 20.5 Quiz 3 Score: 60.2 Average quiz score: 76.9 Age in months: 1550 Age in years: 129 You look amazing! Temperature in Celsius: 30.2° Temperature in Fahrenheit: 86.4°	*** Thank you *** Student EMPLID: 3456789 (Student EMPLID is not valid) Quiz 1 Score: 150.0 (Score is out of range. Average will still be computed.) Quiz 2 Score: 20.5 Quiz 3 Score: 60.2 Average quiz score: 76.9 Age in months: 1550 Age in years: 129 You look amazing! Temperature in Celsius: 30.2° Temperature in Fahrenheit: 86.4°	Yes
EMPLID: 56789 Quiz1: 50.0 Quiz2: 98.5 Quiz3: 68.2 Age in months: -12 Temperature in Celsius: 130.2	*** Thank you *** Student EMPLID: 56789 Quiz 1 Score: 50.0 Quiz 2 Score: 98.5 Quiz 3 Score: 68.2 Average quiz score: 72.2 Age in months: 550 Age in years: -1 Did you make a mistake? Temperature in Celsius: 30.2° Temperature in Fahrenheit: 266.4°	*** Thank you *** Student EMPLID: 56789 Quiz 1 Score: 50.0 Quiz 2 Score: 98.5 Quiz 3 Score: 68.2 Average quiz score: 72.2 Age in months: 550 Age in years: -1 Did you make a mistake? Temperature in Celsius: 30.2° Temperature in Fahrenheit: 266.4°	Yes