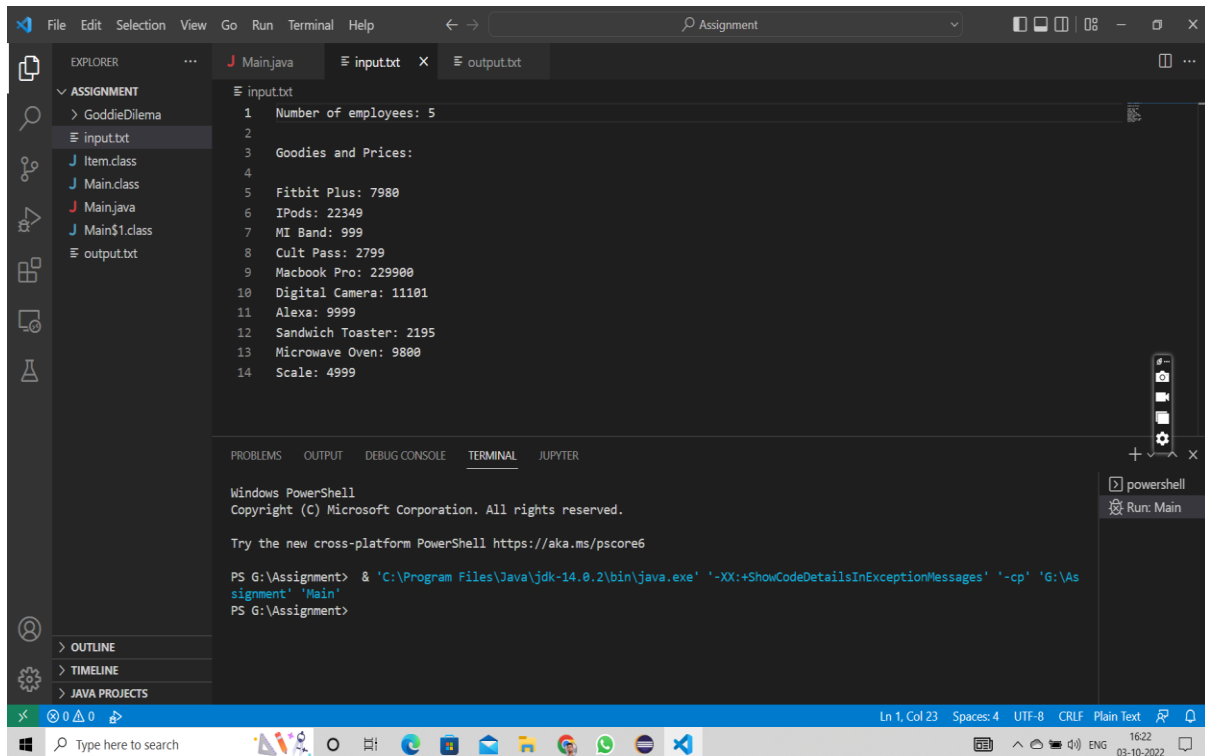


Parvez Ahmed

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TestCase:1



The screenshot shows an IDE with the following content:

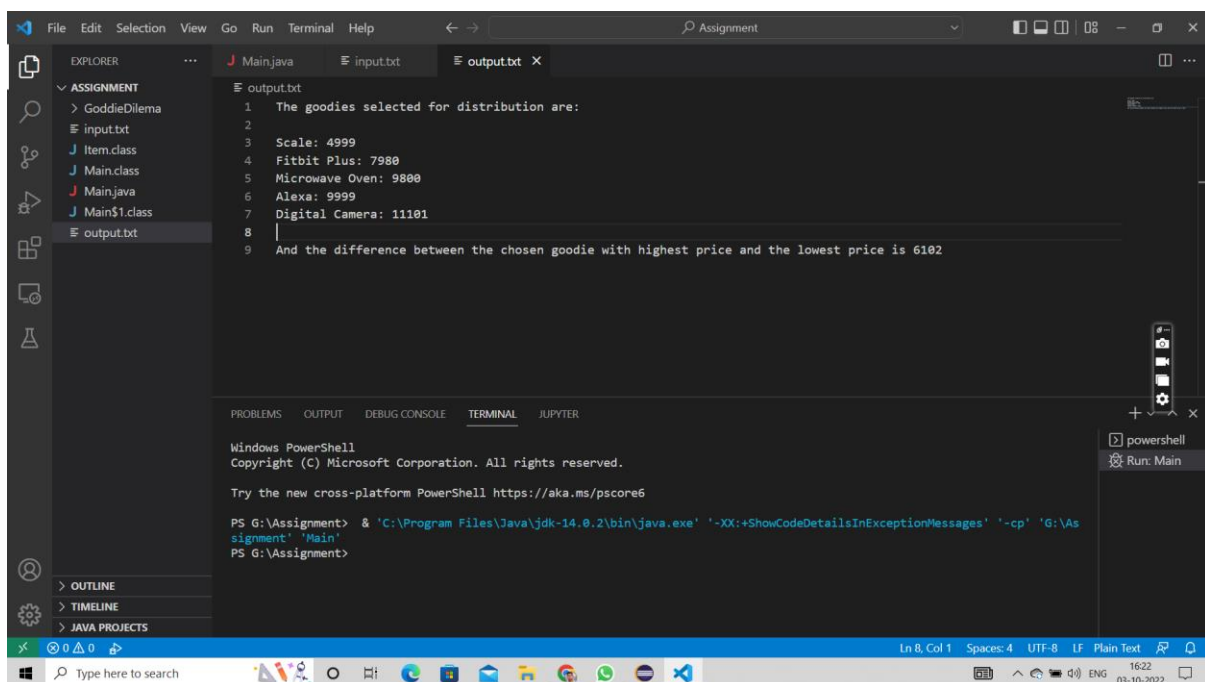
- EXPLORER:** A project named "ASSIGNMENT" containing files: GoddieDilema, input.txt, Item.class, Main.class, Main.java, Main\$1.class, and output.txt.
- input.txt:**

```
1 Number of employees: 5
2
3 Goodies and Prices:
4
5 Fitbit Plus: 7980
6 IPods: 22349
7 MI Band: 999
8 Cult Pass: 2799
9 Macbook Pro: 229900
10 Digital Camera: 11101
11 Alexa: 9999
12 Sandwich Toaster: 2195
13 Microwave Oven: 9800
14 Scale: 4999
```
- TERMINAL:** Windows PowerShell output showing the execution of a Java program.

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Try the new cross-platform PowerShell https://aka.ms/pscore6

PS G:\Assignment> & 'C:\Program Files\Java\jdk-14.0.2\bin\java.exe' '-XX:+ShowCodeDetailsInExceptionMessages' '-cp' 'G:\Assignment' 'Main'
PS G:\Assignment>
```

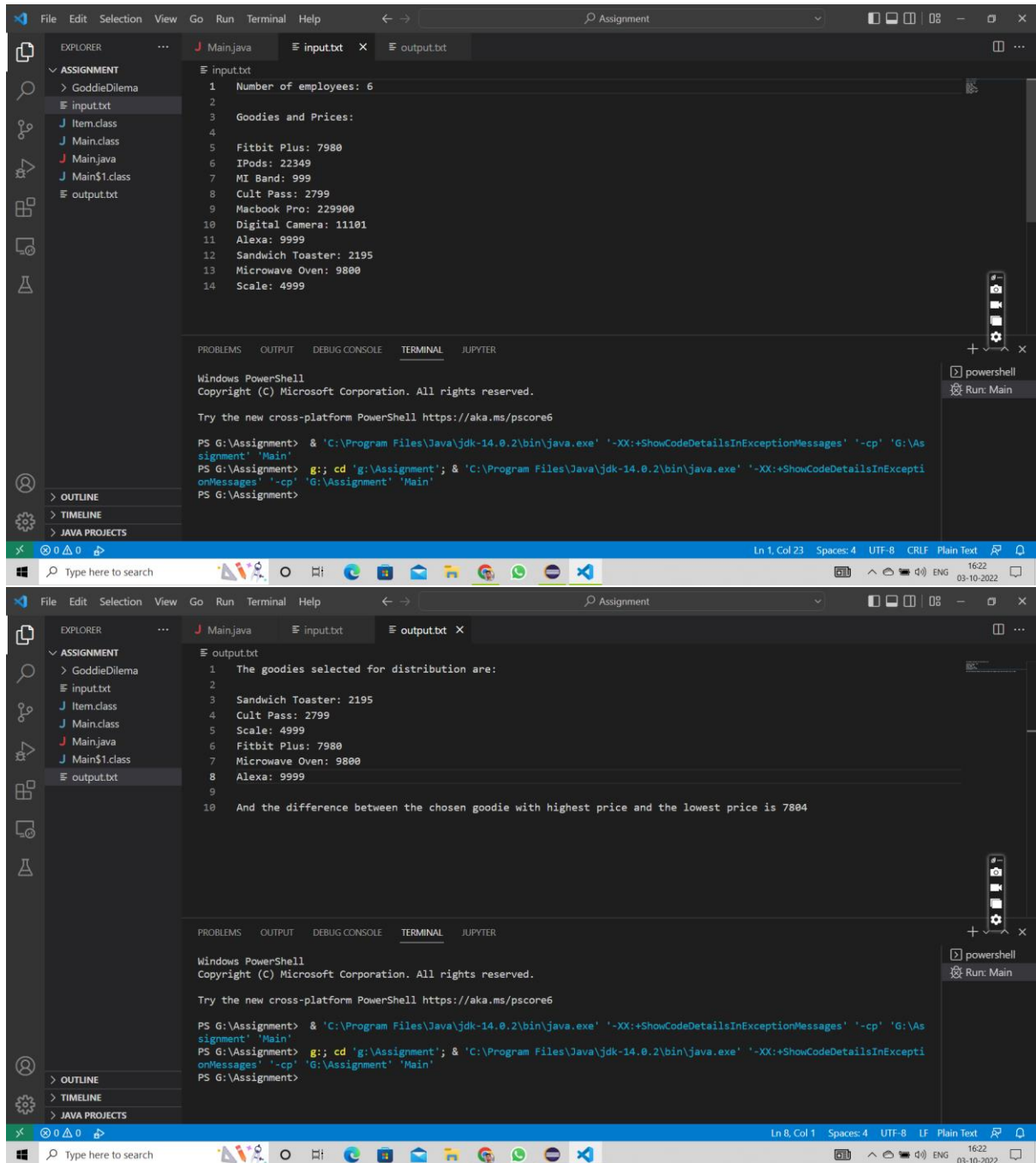


The screenshot shows the same IDE with the following content:

- EXPLORER:** The same project structure as the first screenshot.
- output.txt:**

```
1 The goodies selected for distribution are:
2
3 Scale: 4999
4 Fitbit Plus: 7980
5 Microwave Oven: 9800
6 Alexa: 9999
7 Digital Camera: 11101
8
9 And the difference between the chosen goodie with highest price and the lowest price is 6102
```
- TERMINAL:** The same PowerShell output as the first screenshot, showing the successful execution of the Java program.

Test Case:2



```
File Edit Selection View Go Run Terminal Help
Assignment

EXPLORER
ASSIGNMENT
  > GoddieDilema
  input.txt
  Item.class
  Main.class
  Main.java
  Main$1.class
  output.txt

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER

Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Try the new cross-platform PowerShell https://aka.ms/pscore6

PS G:\Assignment> & 'C:\Program Files\Java\jdk-14.0.2\bin\java.exe' '-XX:+ShowCodeDetailsInExceptionMessages' '-cp' 'G:\Assignment' 'Main'
PS G:\Assignment> g;; cd 'g:\Assignment'; & 'C:\Program Files\Java\jdk-14.0.2\bin\java.exe' '-XX:+ShowCodeDetailsInExceptionMessages' '-cp' 'G:\Assignment' 'Main'
PS G:\Assignment>
```

```
File Edit Selection View Go Run Terminal Help
Assignment

EXPLORER
ASSIGNMENT
  > GoddieDilema
  input.txt
  Item.class
  Main.class
  Main.java
  Main$1.class
  output.txt

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER

Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

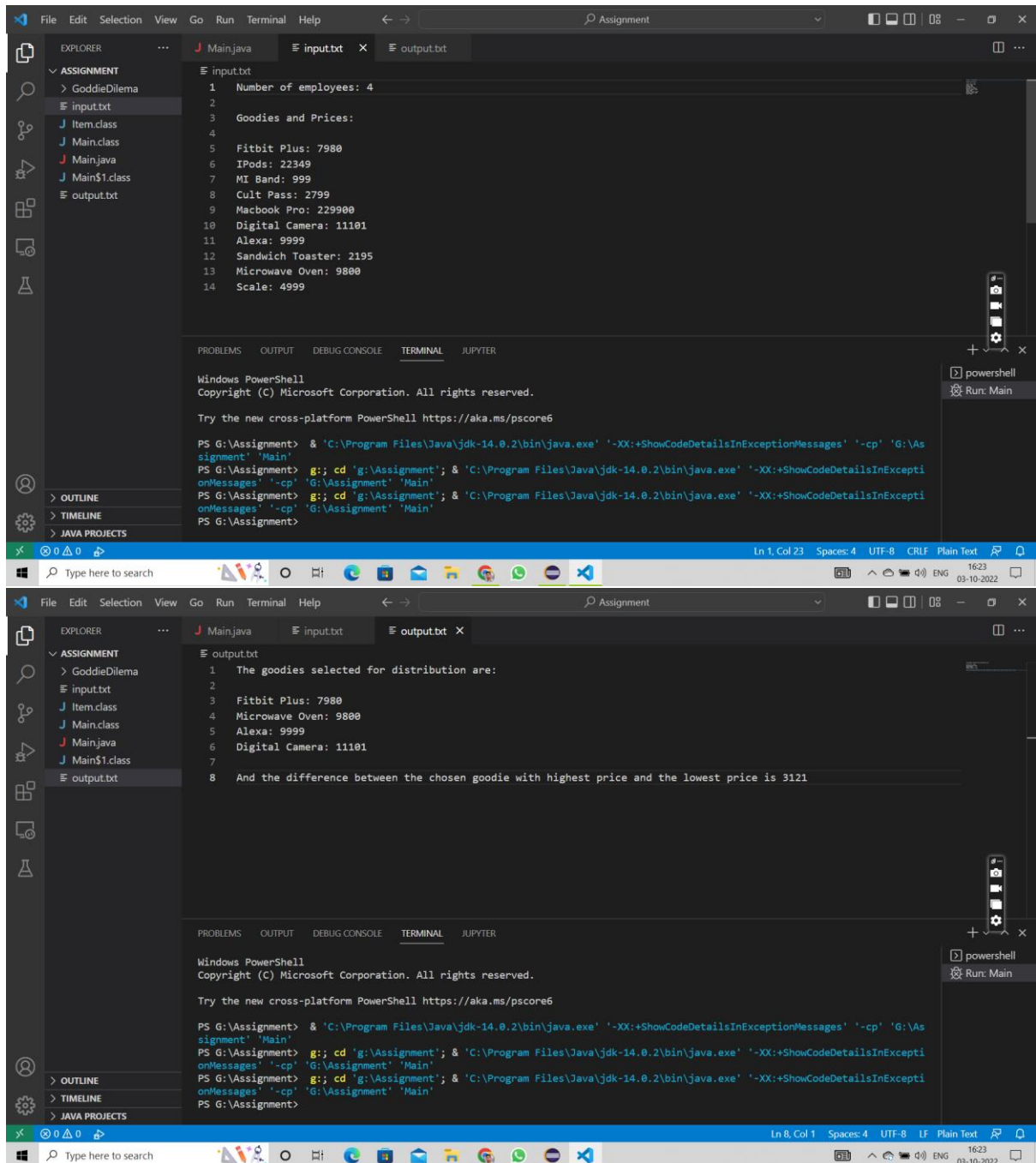
Try the new cross-platform PowerShell https://aka.ms/pscore6

PS G:\Assignment> & 'C:\Program Files\Java\jdk-14.0.2\bin\java.exe' '-XX:+ShowCodeDetailsInExceptionMessages' '-cp' 'G:\Assignment' 'Main'
PS G:\Assignment> g;; cd 'g:\Assignment'; & 'C:\Program Files\Java\jdk-14.0.2\bin\java.exe' '-XX:+ShowCodeDetailsInExceptionMessages' '-cp' 'G:\Assignment' 'Main'
PS G:\Assignment>
```

```
1 Number of employees: 6
2
3 Goodies and Prices:
4
5 Fitbit Plus: 7980
6 IPods: 22349
7 MI Band: 999
8 Cult Pass: 2799
9 Macbook Pro: 229900
10 Digital Camera: 11101
11 Alexa: 9999
12 Sandwich Toaster: 2195
13 Microwave Oven: 9800
14 Scale: 4999
```

```
1 The goodies selected for distribution are:
2
3 Sandwich Toaster: 2195
4 Cult Pass: 2799
5 Scale: 4999
6 Fitbit Plus: 7980
7 Microwave Oven: 9800
8 Alexa: 9999
9
10 And the difference between the chosen goodie with highest price and the lowest price is 7804
```

Test Case :3



The image displays two screenshots of an IDE (Visual Studio Code) showing the execution of a Java program. The top screenshot shows the input file 'input.txt' with the following content:

```
1 Number of employees: 4
2
3 Goodies and Prices:
4
5 Fitbit Plus: 7980
6 iPods: 22349
7 MI Band: 999
8 Cult Pass: 2799
9 Macbook Pro: 229900
10 Digital Camera: 11101
11 Alexa: 9999
12 Sandwich Toaster: 2195
13 Microwave Oven: 9800
14 Scale: 4999
```

The bottom screenshot shows the output file 'output.txt' with the following content:

```
1 The goodies selected for distribution are:
2
3 Fitbit Plus: 7980
4 Microwave Oven: 9800
5 Alexa: 9999
6 Digital Camera: 11101
7
8 And the difference between the chosen goodie with highest price and the lowest price is 3121
```

The terminal window in both screenshots shows the following commands and output:

```
PS G:\Assignment> & 'C:\Program Files\Java\jdk-14.0.2\bin\java.exe' '-XX:+ShowCodeDetailsInExceptionMessages' '-cp' 'G:\Assignment' 'Main'
PS G:\Assignment> g;; cd 'g:\Assignment'; & 'C:\Program Files\Java\jdk-14.0.2\bin\java.exe' '-XX:+ShowCodeDetailsInExceptionMessages' '-cp' 'G:\Assignment' 'Main'
PS G:\Assignment> g;; cd 'g:\Assignment'; & 'C:\Program Files\Java\jdk-14.0.2\bin\java.exe' '-XX:+ShowCodeDetailsInExceptionMessages' '-cp' 'G:\Assignment' 'Main'
PS G:\Assignment> g;; cd 'g:\Assignment'; & 'C:\Program Files\Java\jdk-14.0.2\bin\java.exe' '-XX:+ShowCodeDetailsInExceptionMessages' '-cp' 'G:\Assignment' 'Main'
```