ECOO ROUND 1 QUESTIONS

March 20-27, 2013

Problem 4: Coupon Day

FIRST TRY

Suggested Marking Scheme

Input file name: DATA41.txt

Award 20 marks for each line that has the price correct to the first two decimal places.

Award 10 marks for each line that has the text exactly correct and the price within 1 cent of the correct price.

Deduct 10 points one time if any price is not shown with exactly 2 decimal places (e.g. $431.0 or $431.00000001 instead of $431.00)

Deduct 10 points one time if any line does not have the text and $ symbol exactly correct, including spacing and capitalization.

Award 10 bonus marks if all 5 lines are correct.

```
The best price is $431.02
The best price is $337.19
The best price is $279.92
The best price is $288.15
The best price is $106.32
```

Problem 4: Coupon Day

SECOND TRY

Suggested Marking Scheme

Input file name: DATA42.txt

Award 20 marks for each line that has the price correct to the first two decimal places.

Award 10 marks for each line that has the price within 1 cent of the correct amount.

Deduct 10 points one time if any price is not shown with exactly 2 decimal places (e.g. $431.0 or $431.00000001 instead of $431.00).

Deduct 10 points one time if any line does not have the text and $ symbol exactly correct, including spacing and capitalization.

```
The best price is $247.09
The best price is $217.20
The best price is $149.01
The best price is $173.08
The best price is $132.41
```