Jessica Battles INFM310 Week 4 Programming Assignment
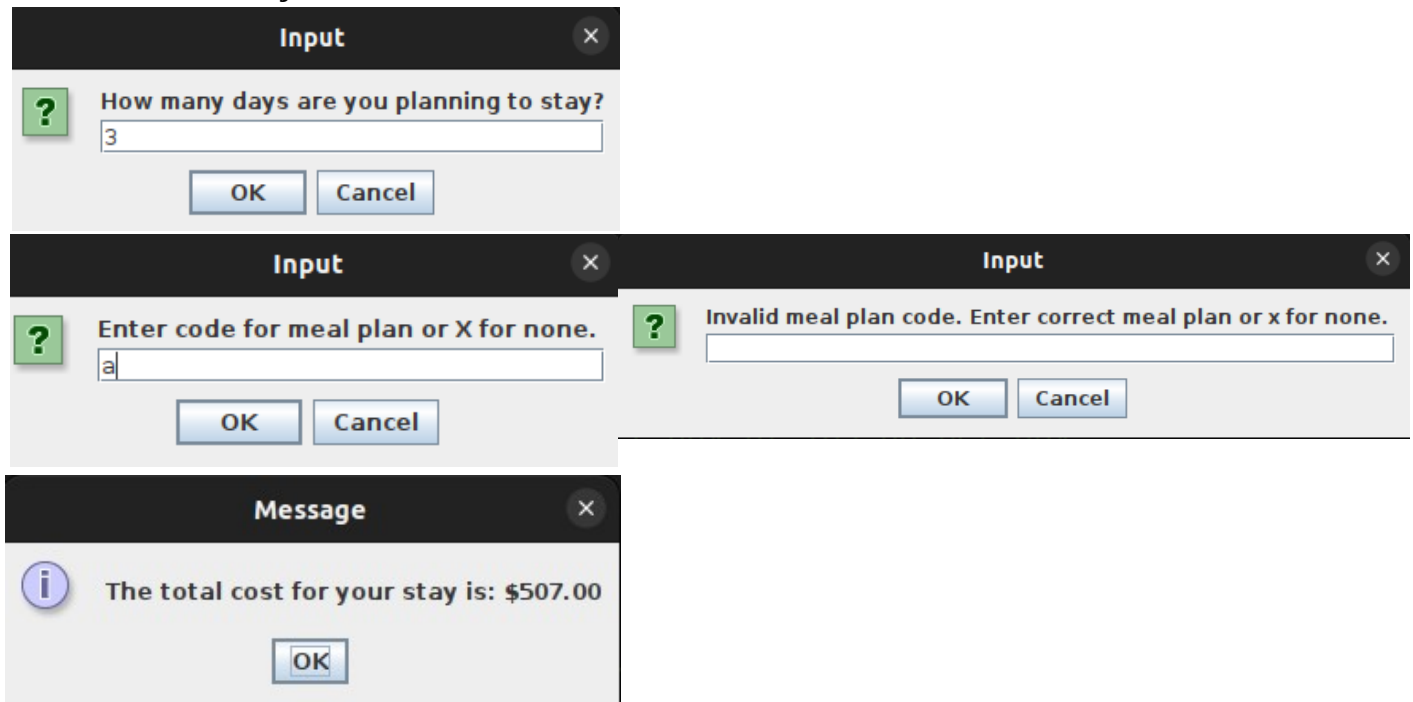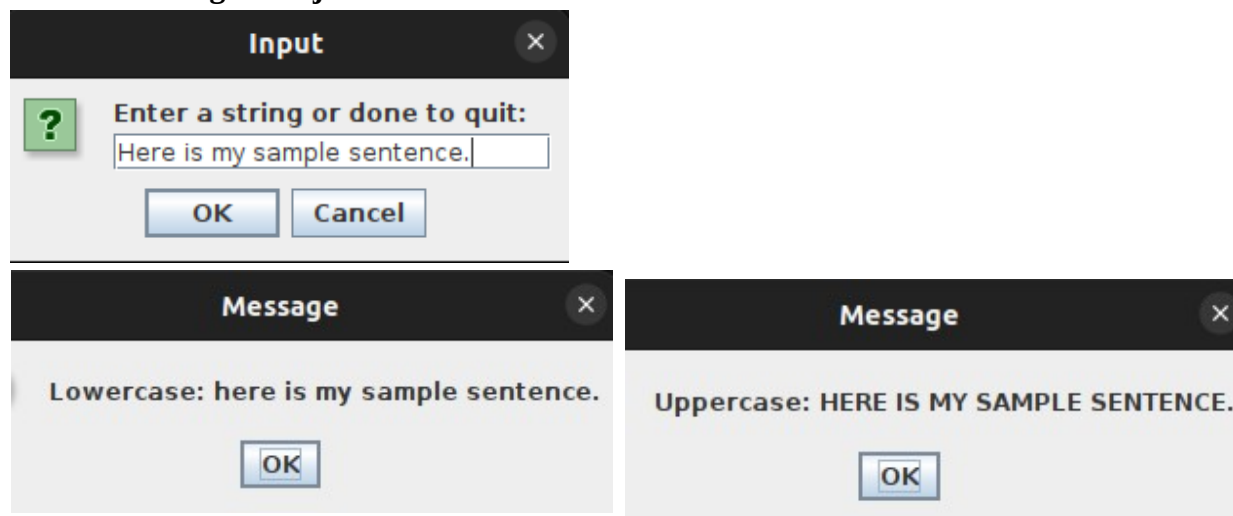
**Part A:**

**Lab 9-5: Reverse.java Screenshot**

```
Original array:
9 8 7 6 5
Reversed array:
5 6 7 8 9
```

**Lab 9-6: Cornwall.java**



Input

? How many days are you planning to stay?
3
OK  Cancel

Input

? Enter code for meal plan or X for none.
a
OK  Cancel

Input

? Invalid meal plan code. Enter correct meal plan or x for none.
OK  Cancel

Message

(i) The total cost for your stay is: $507.00
OK

**Lab 9-7: ChangeCase.java**

Input

? Enter a string or done to quit:
Here is my sample sentence.
OK  Cancel

Message

Lowercase: here is my sample sentence.
OK

Message

Uppercase: HERE IS MY SAMPLE SENTENCE.
OK

**Part B:**

Design a class named TermPaper that holds an author's name, the subject of the paper, and an assigned letter grade. Include methods to set the values for each data field and display the values for each data field. You only need to create the class diagram to fulfill the requirement of this design.

| TermPaper |
| --- |
| -authorName: String<br>-paperSubject: String<br>-letterGrade: String |
| +setAuthorName(name: String): void<br>+setPaperSubject(subject: String): void<br>+setLetterGrade(grade: String): void<br>+getAuthorName() : String<br>+getPaperSubject() : String<br>+getLetterGrade() : String<br>+displayInfo(): void |