Programming Assignment 17

Assignment Goal:

In this chapter, we were in introduced to JavaFX, Java’s next Graphical User Interface APIs. Often times, when new technologies emerge, organizations update existing software to the new platforms. Convert your chapter 16 program from Swing to JavaFX.

Assignment Specifications:

The Pampered Pet Pet Resort provides boarding services for dogs and cats. Maximum stay is 30 days. In addition to boarding, customers may elect for a variety of services.

Boarding fees are based upon the size of the animal’s suite as follows:

Standard Large (Indoor 4' x 6'/Outdoor 4' x 12') $25.00 per day

Standard Extra-Large (Indoor 5' x 6'/Outdoor 5' x 12') $28.00

Standard Double Extra Large (Indoor 8' x 6'/Outdoor 8' x 12') $34.00

Luxury Suite (Indoor 6' x 6' / Outdoor 6' x 12') $40.00

Additional services are as follows:

Delivery of medications $2.50 per dose

Bath & Brush $15.00

Walking $5.00

Pedicure $10.00

Transport to vet $20.00

Sunday pickup $12.50

Resort provided food $5.00 per day

Create a Swing form to calculate the cost of a stay, tax, and final total. A sales tax of 8.125% is charged. Display a summary using a dialog box.

Besides the items above, provide places for the user to enter the owner’s name, owner’s phone number, pet’s name, pet’s age, whether the pet is up to date on shots, whether the pet is a dog or cat, and any special instructions.

Deliverables (what you are to submit):

You will not need to submit your planning document since it should apply to any language or program.

1. Your complete project folder in zip format.