Skateboard Designer

Basic Steps in Creating your Program.

1. Plan your logic before working on the project and review the syntax you will use in the project. Think about how you want the output to display to the user. You might want to tell the user what the program does and what type of input you expect from the user. You interface structure could do this. Select names of the variables you will use in the program.
2. Create a JAVA project Using **NetBeans IDE**.
   - Declare variables to hold input information.
   - Using the **JFrame Form** or **JPanel Form** to create the create the application.
3. Program created with JavaFX in the previous versions of NetBeans like 8.2 will work but the newest version of Apache NetBeans 12.6 does not automatically allow creation of JavaFX applications. There are a number of additions to the runtime that need to be set up and are not easily accomplished. The notation in 12.6 is that you use the Ant>Project and then add the JFrame to the project source. from there use the Panels to add the forms and controls.
4. Run the program. Debug the code, making sure all calculations are correct and the line spacing is suitable for readability.

Your program Assignment

The Skate Shop sells skateboard products listed in Table 13-9.
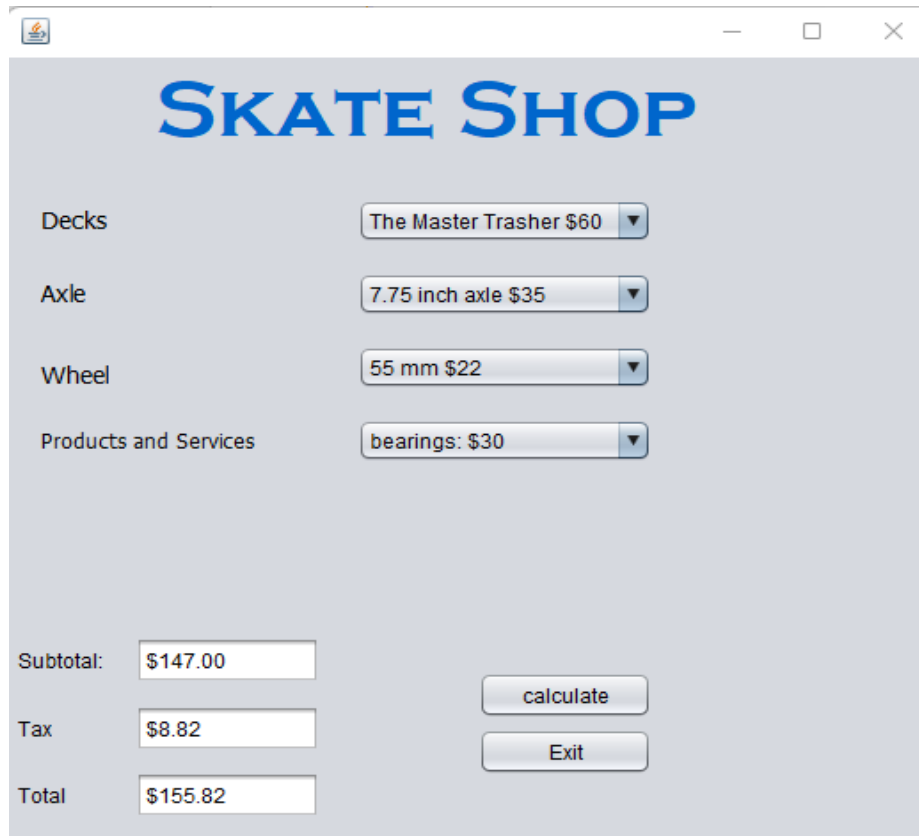
Table 13-9 Skateboard products

Decks	Truck Assemblies	Wheels
The Master Thrasher $60	7. 75-inch	51 mm $20
The Dictator $45	axle $35 8-inch	55 mm
The Street King $50	axle $40	$22 58
	8. 5-inch	mm $24
	axle $45	61 mm
		$28

In addition, the Skate Shop sells the following miscellaneous products:

- Grip tape: $10 o Bearings: $30

- Riser pads: $2 o Nuts & bolts kit: $3

Create an application that allows the user to select one deck, one truck assembly, and one wheel set from either List View controls or ComboBox controls. The application should also have a List View that allows the user to select multiple miscellaneous products. The application should display the subtotal, the amount of sales tax (at 7 percent), and the total of the order.

Example:

SKATE SHOP

Decks	The Master Trasher $60 ▼
Axle	7.75 inch axle $35 ▼
Wheel	55 mm $22 ▼
Products and Services	bearings: $30 ▼

Subtotal: $147.00

Tax $8.82   calculate

Total $155.82   Exit

Please Choose Which Parts You Need

Decks

The Master Thrasher--$60 ▼

Wheel Assemblies

8in Axle--$40 ▼

Wheels

61mm--$28 ▼

Miscellaneous Parts

☑ Riser Pads--...   ☐ Nuts/Bolts Kit--...

☐ Grip Tape--$10   ☑ Bearings--$30

Subtotal	Sales Tax	Total
$160.00	$9.60	$169.60

Exit