

## Class Assignment (Furniture Store)

Write an application for a furniture company; the program determines the price of a table. Ask the user to choose 1 for pine, 2 for oak, or 3 for mahogany. The output is the name of the wood chosen as well as the price of the table. Pine table cost \$100, oak tables cost \$225, and mahogany table cost \$310. Also ask the user to specify a (1) large table or a (2) small table. Add \$35 to the price of any large table and add nothing to the price for a small table. Display the output. Your program must repeat until the user chooses to exit.

Sample Run 1:

```
> run Furniture
Table Prices
Choose 1 for pine
Choose 2 for oak
Choose 3 for mahogany
Choose 4 for EXIT
1
Size: (1) large or (2) small
1
You selected the following table:
Wood: Pine
Size: large
Price: $135.00
Table Prices
Choose 1 for pine
Choose 2 for oak
Choose 3 for mahogany
Choose 4 for EXIT
1
Size: (1) large or (2) small
2
You selected the following table:
Wood: Pine
Size: small
Price: $100.00
Table Prices
Choose 1 for pine
Choose 2 for oak
Choose 3 for mahogany
Choose 4 for EXIT
4
Thank you. Have a nice day!!!
```

## Sample Run 2:

```
> run Furniture
```

```
Table Prices
```

```
Choose 1 for pine
```

```
Choose 2 for oak
```

```
Choose 3 for mahogany
```

```
Choose 4 for EXIT
```

```
2
```

```
Size: (1) large or (2) small
```

```
2
```

```
You selected the following table:
```

```
Wood: Oak
```

```
Size: small
```

```
Price: $225.00
```

```
Table Prices
```

```
Choose 1 for pine
```

```
Choose 2 for oak
```

```
Choose 3 for mahogany
```

```
Choose 4 for EXIT
```

```
2
```

```
Size: (1) large or (2) small
```

```
1
```

```
You selected the following table:
```

```
Wood: Oak
```

```
Size: large
```

```
Price: $260.00
```

```
Table Prices
```

```
Choose 1 for pine
```

```
Choose 2 for oak
```

```
Choose 3 for mahogany
```

```
Choose 4 for EXIT
```

```
4
```

```
Thank you. Have a nice day!!!
```

### Sample Run 3:

```
> run Furniture
```

```
Table Prices
```

```
Choose 1 for pine
```

```
Choose 2 for oak
```

```
Choose 3 for mahogany
```

```
Choose 4 for EXIT
```

```
3
```

```
Size: (1) large or (2) small
```

```
1
```

```
You selected the following table:
```

```
Wood: Mahogany
```

```
Size: large
```

```
Price: $345.00
```

```
Table Prices
```

```
Choose 1 for pine
```

```
Choose 2 for oak
```

```
Choose 3 for mahogany
```

```
Choose 4 for EXIT
```

```
3
```

```
Size: (1) large or (2) small
```

```
2
```

```
You selected the following table:
```

```
Wood: Mahogany
```

```
Size: small
```

```
Price: $310.00
```

```
Table Prices
```

```
Choose 1 for pine
```

```
Choose 2 for oak
```

```
Choose 3 for mahogany
```

```
Choose 4 for EXIT
```

```
4
```

```
Thank you. Have a nice day!!!
```