*Project 1: The Retail Sales Assistant*

You have been asked to write a program to calculate sales totals for a general store. Your program will not know how many products each customer will buy, so your program will have to repeat the process until the last product has been entered (use -1 for Product ID to end each sale). After each sale your program must ask if you want to do another sale (1 –continue, 0 – end program).

At the beginning of the day, the cash drawer has $100 in it. At the end of the program you must display how much money is in the drawer after handling all your sales transactions.

**Input**

Your program must take the following input:

* Product ID Number (int)
* Quantity for each item purchased (int)

Use the following dataset to determine the price and taxability for each item.

First Sale:

|  |  |  |  |
| --- | --- | --- | --- |
| **Product ID** | **Price** | **Quantity** | **Taxable** |
| 101 | $3.95 | 1 | No |
| 102 | $1.85 | 2 | Yes |
| 103 | $2.49 | 1 | Yes |
| 104 | $5.19 | 4 | Yes |
| 105 | $4.99 | 5 | No |
| 106 | $3.25 | 2 | Yes |
| 107 | $4.85 | 3 | No |
| 108 | $3.99 | 2 | Yes |
| 109 | $1.99 | 1 | No |
| 110 | $5.25 | 1 | Yes |

Second Sale:

|  |  |  |  |
| --- | --- | --- | --- |
| **Product ID** | **Price** | **Quantity** | **Taxable** |
| 102 | $1.85 | 1 | Yes |
| 103 | $2.49 | 3 | Yes |
| 106 | $3.25 | 2 | Yes |
| 109 | $1.99 | 1 | No |
| 110 | $5.25 | 2 | Yes |

Third Sale:

|  |  |  |  |
| --- | --- | --- | --- |
| **Product ID** | **Price** | **Quantity** | **Taxable** |
| 101 | $3.95 | 1 | No |
| 106 | $3.25 | 2 | Yes |
| 107 | $4.85 | 3 | No |
| 108 | $3.99 | 2 | Yes |

**Calculating Tax**

For those items that are taxable, assume a 7.5% sales tax. Be sure to keep a running total of tax for the each sale.

**Getting Started**

You must use the starter file provided with this assignment.

**What to turn in:**

* A copy of your source code
* A printout of your program’s output