```
          ( Start )
              |
              v
     / Set total        /
    /  processed       /
   /   customers to   /
  /    zero          /
              |
              v
     / Set total        /
    /  balance due     /
   /   of all to zero /
              |
              v
     / Set total        /
    /  purchases of    /
   /   all to zero    /
              |
              v
     / Set total        /
    /  available       /
   /   credit of all  /
  /    to zero        /
              |
              v
     / Set credit       /
    /  limit           /
              |
              v
          ( Return )
```

Michael Dobachesky
SE114.11
Program 8
Input: 1 Level

```
Start
```

Prompt for account number

Get account number

Prompt for last name

Get last name

Prompt for first name

Get first name

Prompt for balance

Get balance

Prompt for purchases

Get purchases

```
Return
```

```
                              ( Start )
                                 |
                                 v
                        +------------------+
                        |  Count customers |
                        +------------------+
                                 |
                                 v
                        +------------------+
                        | Accumulate total |
                        |     balance      |
                        +------------------+
                                 |
                                 v
                        +------------------+
                        | Accumulate total |
                        |    purchases     |
                        +------------------+
                                 |
                                 v
                        +------------------+
                        |Calculate available|
                        |      credit      |
                        +------------------+
                                 |
                                 v
                           /            \
                      T  /  Any available \  F
              +----------   credit?         ----------+
              |           \              /            |
              |             \          /              |
              v                                       v
      /------------------/              +------------------+
      / Display two      /              |Make credit balance|
      /   lines          /              |    positive       |
     /------------------/               +------------------+
              |                                   |
              v                                   v
      +------------------+             /------------------/
      | Add available credit|         / Display two      /
      |  to accumulator  |            /   lines          /
      +------------------+          /------------------/
              |                                   |
              +-----------------+-----------------+
                                |
                                v
                            ( Return )
```

Michael Dobachesky
SE114.11
Program 8
Totals: 1 Level

```
            ( Start )
                |
                v
       /  Display      /
      /   number of   /
     /    customers   /
    /     processed  /
                |
                v
       /  Display total /
      /   balance for  /
     /   all customers/
                |
                v
       /  Display total /
      /   purchases    /
     /    for all      /
    /     customers   /
                |
                v
       /  Display total /
      /   available    /
     /   credit for all/
    /     customers   /
                |
                v
            ( Return )
```