Text

Description automatically generated

Validation

If kilometers traveled or Hour are 0 or Vehicle Type, AM PM or Transponder is a blank, the top message shows and the first non compliant field is highlighted.

Text

Description automatically generated

Text

Description automatically generated with low confidence

The fields were filled out successfully and a Charge was calculated

Text, email

Description automatically generated

Processing

Queries supported until the user presses F3

The time needs to be adjusted to military time. Include a work field called AdjustHour to handle this.

When it is 12 AM that will be 00 in military time

When it is 12 PM that is 12 hundred in military time

When it is 4 PM that is 16 hundred in military time

When it is 4 AM that is 4 hundred in military time

Adjust hour could be 0, 12, 16 or 4.

Use a subroutine to adjust the hour called AdjustTime.

If the person has a transponder there is no extra charge. If they do not have one an extra $4.07 is added to the bill

Toll rates are determined on the type of vehicle driven and the time of day and the number of kilometers driven. Solve using military time hours.

|  |  |  |  |
| --- | --- | --- | --- |
| Time | Light Vehicle | Heavy Vehicle | Heavy Multiple Vehicle |
| 6 am – 8:59 am | 35.07 cents a km | 72.18 cents/km | 112.22 cents/km |
| 9 am – 9:59 am | 33.47 cents a km | 64.18 cents/km | 99.75 cents/km |
| 10 am – 3:59 pm | 27.33 cents a km | 56.64 cents/km | 88.95 cents/km |
| 4 pm- 6:59 pm | 40.55 cents a km | 77.86 cents/km | 117.25 cents/km |
| 7 pm – 5:59 am | 21.15 cents a km | 43.15 cents/km | 66.15 cents/km |

DDS code for HWYTOLLDSP

Text

Description automatically generated

Text

Description automatically generated

Text

Description automatically generated with medium confidence