**Part 1:**

***budgeting.py***

***Text

Description automatically generated***

***Flowchart*** *(I used SmartDraw software)*

***Diagram

Description automatically generated***

In this program I have learned mechanics of a while loop and how to use condition controlled while loop in order to accumulate total spending amount. After that the program compares salary and total spending and determines whether the user is over or under the budget.

**Part 2:**

***total\_distance.py***

**Text

Description automatically generated**

***Flowchart Diagram

Description automatically generated***

In this program I have learned how to execute the range function in order to produce list object in order to use for the for-loop iteration. On each iteration, the number of hours gets multiplied by the speed in order to calculate total distance during each hour of travel.