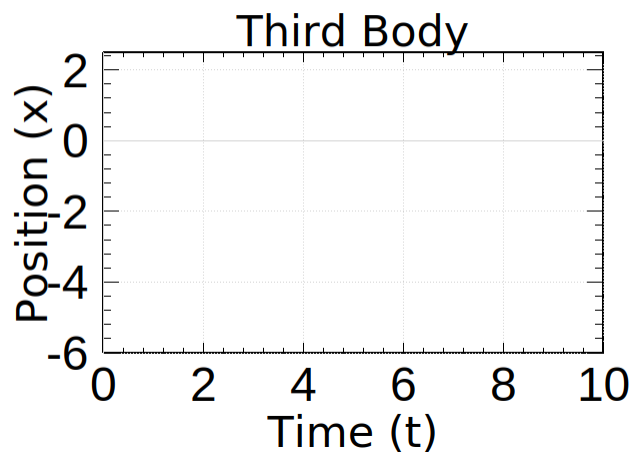
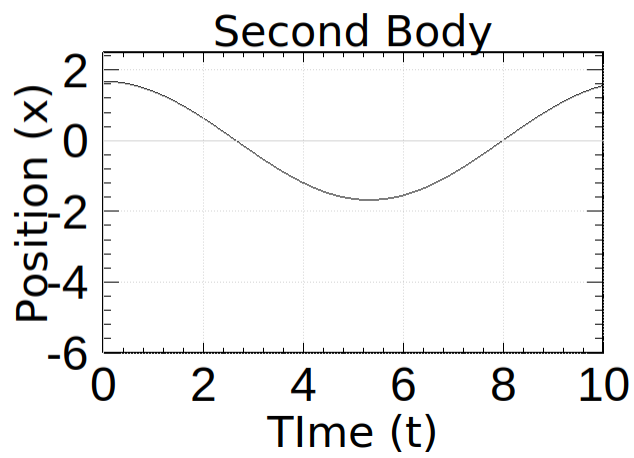
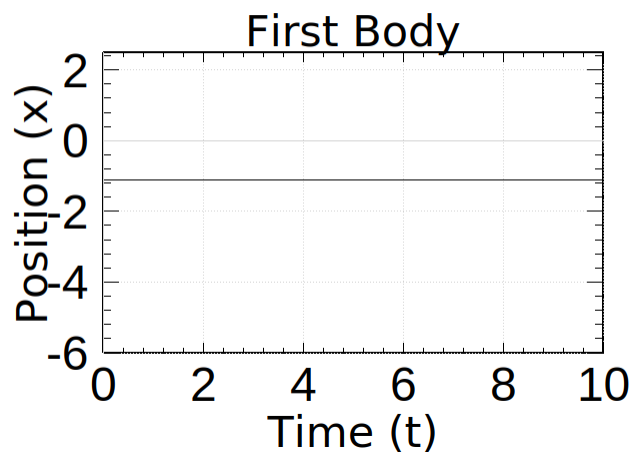
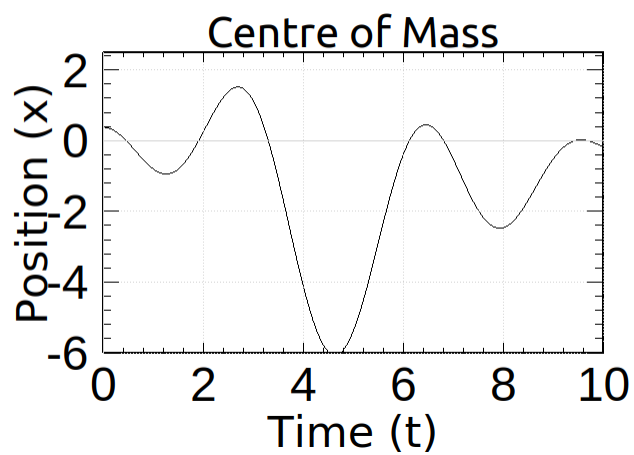
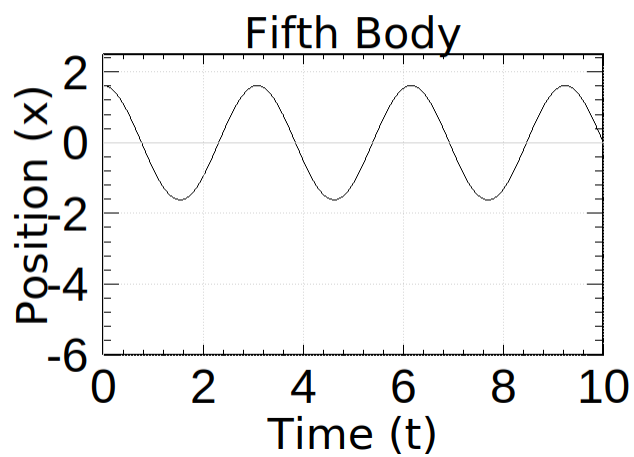
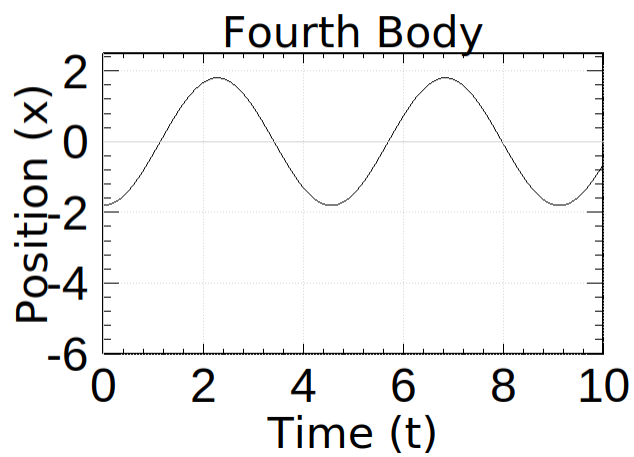
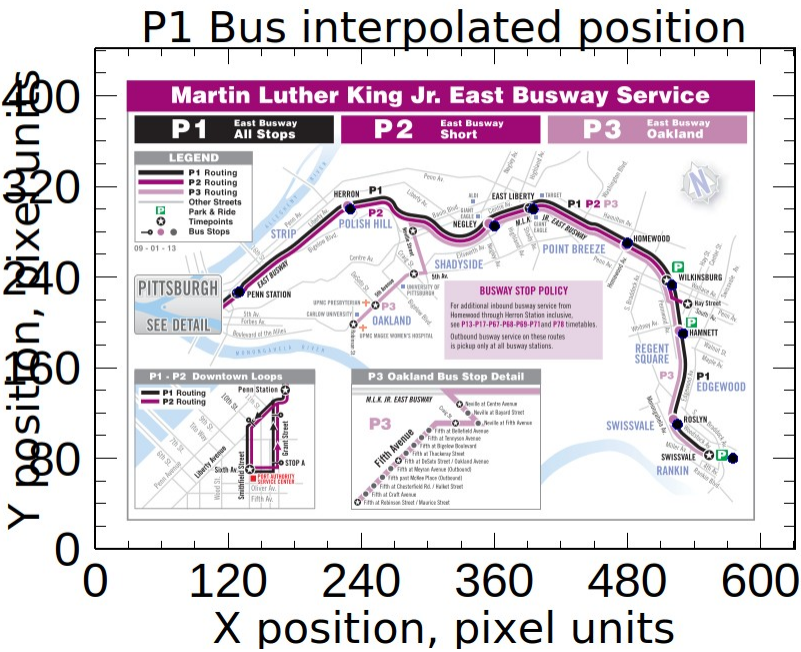


## Assignment 4

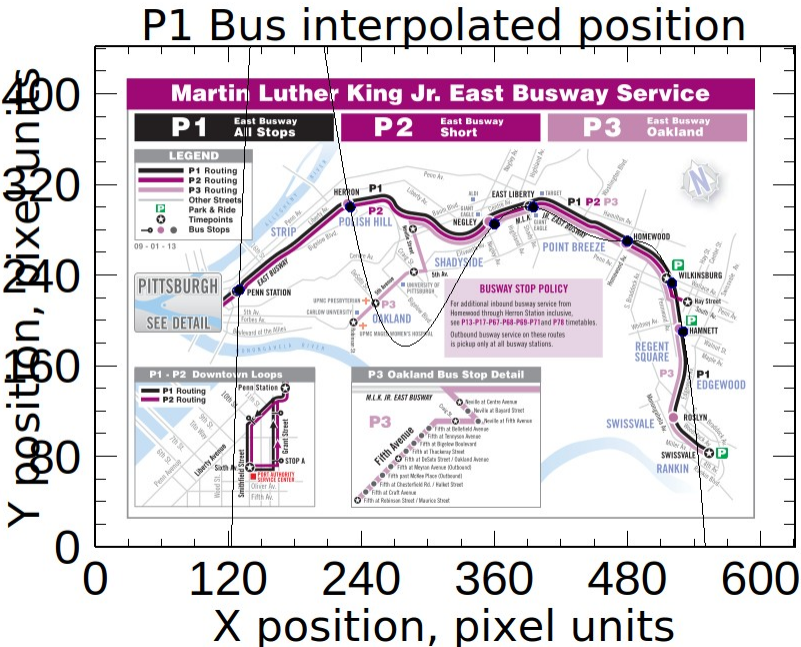




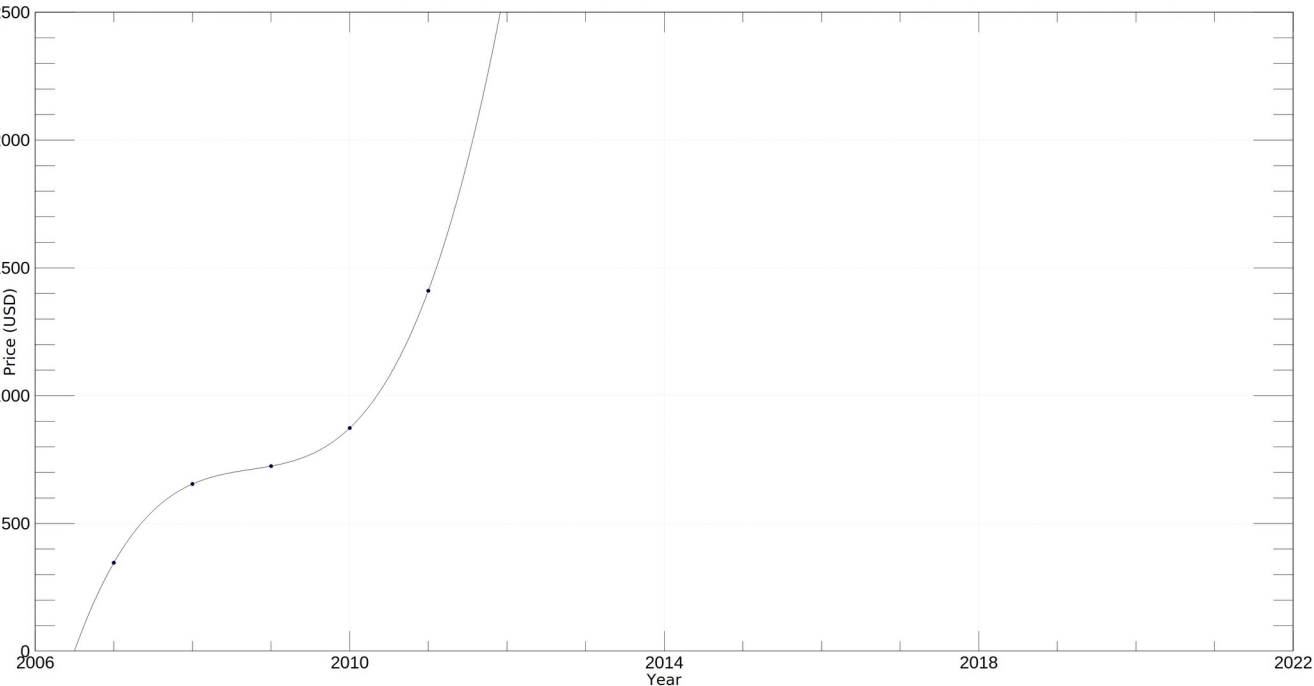
- 3. a) Code was constructed as instructed.
- 3. b) The Points were located using PlotProfile as shown below:



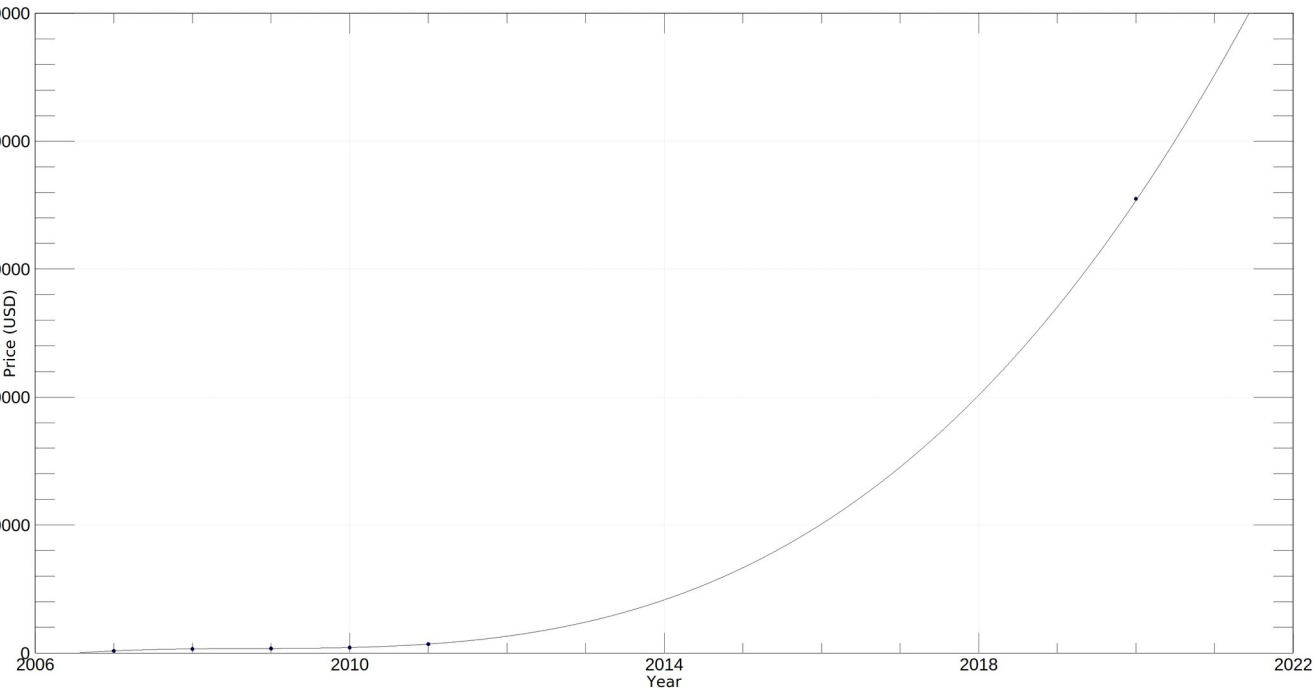
- 3. c) The interpolation path is determined as:



5. The price as function of year is obtained as:



Using an interpolating polynomial fit, it can be seen that the price in 2020 (today) will be about \$71000



One year from now, the price is predicted as \$90000. So buying a bottle today and selling it will fetch about \$19000