Instructions for Homework 2
(Simple Linear Regression, Multiple Regression, Polynomial Regression)

PART A) Instructions for Simple Linear Regression

1) Import the Libraries.
2) Import the Dataset.
3) Split the Dataset into Training and Testing.
4) Train the Simple Linear Regression model on the Training set result.
5) Predicting the Test set result.
6) Visualization of the Training set result.
7) Visualization of the Test set result.

PART B) Instructions for Multiple Regression

1) Import the Libraries.
2) Import the Dataset.
3) Encode the categorical data.
4) Split the dataset into the Training set and Test set.
5) Train the Multiple Linear Regression model on the Training set.
6) Predict the Test set results.

PART C) Instructions for Polynomial Regression

1) Import the Libraries.
2) Import the Dataset.
3) Train the Linear Regression model on the whole dataset.
4) Train the Polynomial Regression model on the whole dataset.
5) Visualize the Linear Regression results.
6) Visualize the Polynomial Regression results.
7) Further visualize the Polynomial Regression results (for higher resolution and smoother curve).
8) Predict a new result with Linear Regression.
9) Predict a new result with Polynomial Regression.