Assignment - 1:

Write a program to implement file handling and to use r+ and w+.

Assignment - 2:

Write a program to find out the user guess is correct or not from the given list after it is. shuffled.

Assignment - 3:

Write a program to reverse a string “Silicon” using lambda expression.

Assignment - 4:

Write a program to handle the exception thrown by the code below by using try-expect block and use finally block to print “Good Job!”.

Assignment - 5:

* + Standardization vs Normalization.
  + type(dataset)?
  + type(x)?
  + why at last dtype = object?
  + random\_state = 1?

Project 1:

1. Prepare a preprocessing dataset.
2. Build a multilinear regression model using data obtained in (a) and also to find the linear coefficient intercept of the Model.
3. Using the model determined in (b). Find the net turnover for the following row vector.

CI = 50661

ES = 115641

AE = 92496

City = Bengaluru

Project 2:

For given “logistic\_data.csv” dataset, determine the classification model.

1. Using logistic regression algorithm.
2. Using KNN algorithm
3. Compare (a) and (b) and state which gives better performance in terms of metric parameter such as accuracy score, precision score, recall.

Project 3:

Using captia\_income data set 👆, build a regression model and predict the per capitia income for Canadian citizens in year 2021.