PYTHON – WORKSHEET1

1.C) %

2.B) 0

3.C) 24

4.A) 2

5.D) 6

6.C) The finally block will be executed no matter if the try block raises an error or not.

7. A) It is used to raise an exception.

8.C) In defining a generator

9.C) abc2

10.D) All of the above

MACHINE LEARNING

1.A) Least Square Error

2.A) Linear regression is sensitive to outliers

3.B) Negative

4.C) Both of them

5.C) Low bias and high variance

6.B) Predictive Model

7.D) Regularization

8.B) SMOTE

9.C) Sensitivity and Specificity

10.B) False

11.B) Apply PCA to project high dimensional data

12.D) It does not make use of dependent variable

13. Regularization is a technique used in machine learning to prevent overfitting and on unseen data, it facilitates to improve generalization .

14. Lasso and Ridge regression algorithm are used for regularization.

15. The difference between the predicted values and the actual values is known as error in linear regression equation.