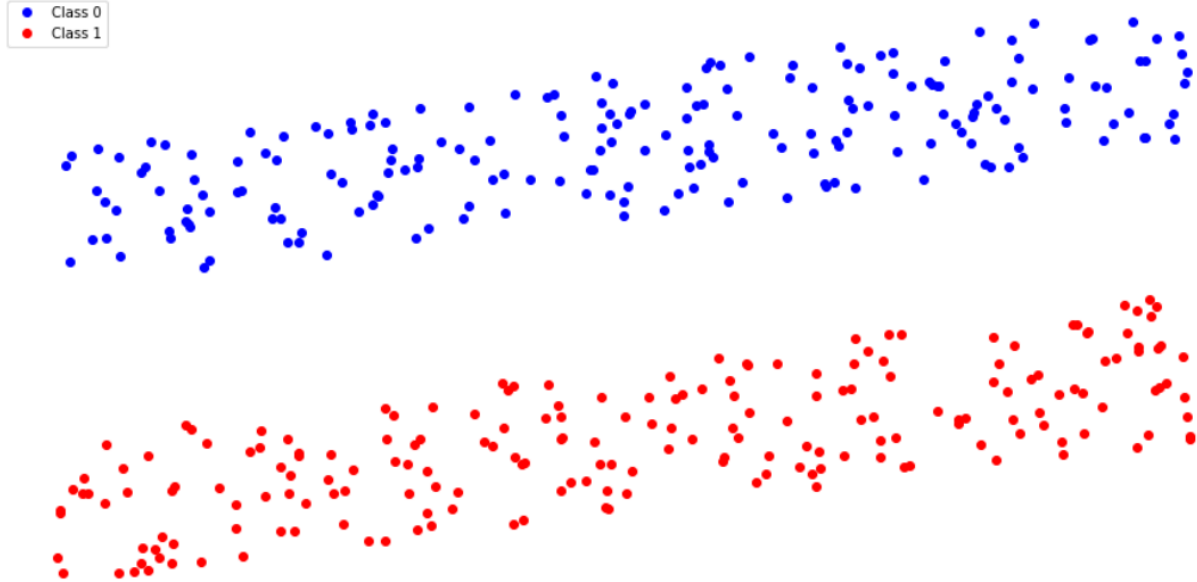


Lab 1

1- Create a linearly separable dataset (x,y) of 200 points as shown below.



Apply Perceptron Learning Algorithm you classify the generated data. Clearly draw the decision boundary wrt the data points generated.

2. Apply Perceptron Learning Algorithm on the dataset 1 to classify it into two parts. If dataset is not linearly separable you can stop after 100 iterations. Also mention the total correctly classified data points.