Implementation of Decision Tree &x; No; 13 classification techniques Date: Program code; from sklearn import tree elf = tree . Decision Tree Classifier () X = [[181, 80, 91], [182, 90, 92], [183, 100, 92],[184,200,93],[185,300,94],[186,400,95], [187, 500, 96], [189, 600, 97], [190, 700, 98], [191, 800, 99], [192, 900, 100], [193, 1000, 101]] Y = ['male', 'male', 'female', 'male', it 'female', 'male', 'female', imale') elf = elf. fit (x,y) prediction f = elf. predict ([[181,80,91]]) prediction m = clf. predict ([[183, 100, 92]]) print (prediction) print (prediction m)

ope, eventuals largest tythen necessary libraries Result: Thus the program is successfully executed & the output is voisfied. plt. Scatter (x[:,0], x[:,1]) plt. title (Bataset) filt islated (feature 1') plt. Habel ('feature 2') plt shows. []= 1720 for i in range (1), (1) intreams = x Means (n. clustus . 1. int - 1 max_star see, h_ init = 10. Harding_ state _ ; the stip swam! Was supposed (Kmones winder :