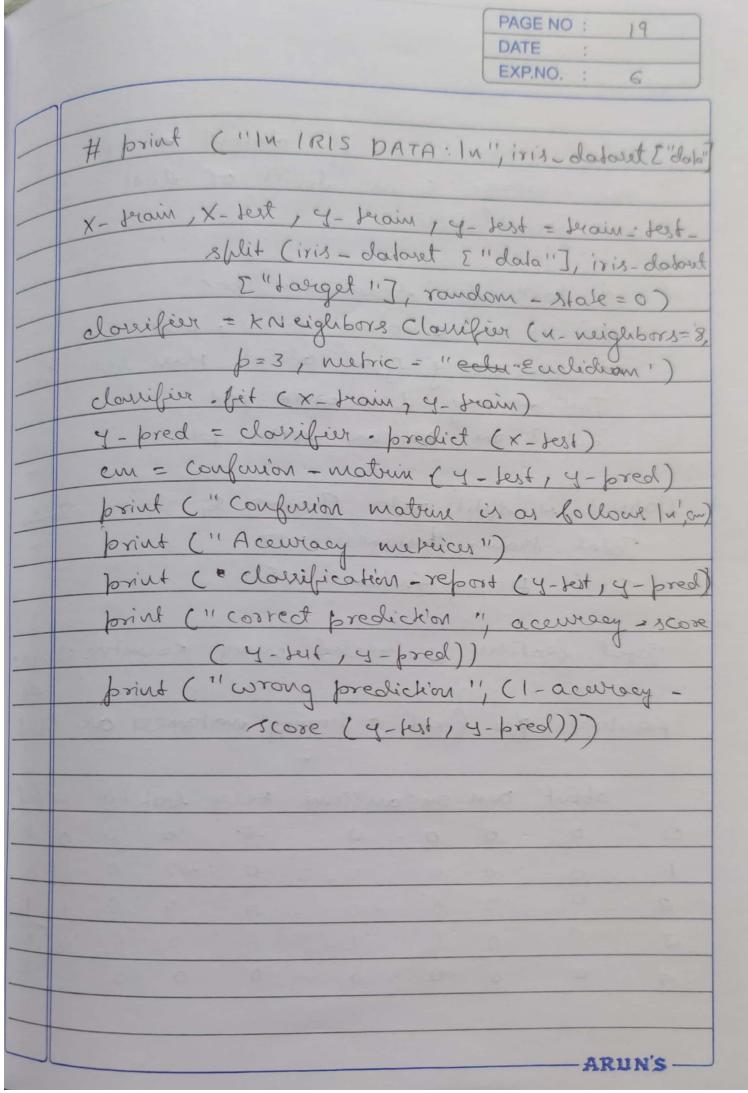
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EXP.NO.
ovile a program to implement K-neavest neighbor algorithm to clarify the iris dataset print both correct & wrong predictions.
Java Python ML library clares can be used for this problem.
from skleven datarets import boad-isis from skleven neighbors import Kreighbors
from 8 kleam. netries import classification.
from skleam model-relection impost Frain-test-split
from skleam. metrices import train-test-sfill from skleam. metrices import accuracy-score iris-dataset = loud-iris ()
print ("In IRIS FEATURES) TARGET NAMES:
Ju", iris-dataset, target-names) Los i in rouge (lun (iris-dataset, target - names):
print ("In [203]:[E13]" Germat (i) iris_daloret.target=names Ei])
ARUN'S



outful : IRIS FEATURES | TARGET WAMES: ['sclosa ' 'vernicolor' 'virginica'] [0]: [xelosa] [17: [vericolor] (2] : [virginica] Kneighbours classifier (algorithm = 'auto', leaf-rig metric = · euclidian metric - params = Non n-jobs = Nove, n-veighbours = 8, p=3, weights = 'cuiform') Confusion matrix is as Collans [[13 00] [0 15 1] [0 0 9] Accuracy metrices recall 61-scoote support prediction 1.00 1.00 13 1.00 0.94 0.97 6 1.00 0.95 0.90 1,00

