EXNO: 10 DATE:

## IMPLEMENTATION OF DECISION TREE CLASSIFICATION TECHNIQUES

To implement a decision true classification using python,

## EXPLANATION:-

- · Topoet wee from Steam · Call the function DecisionTera Classifier ()
- · call the function predict your fecultie
- · lall output.

SOURCE CODE : from skleav Empout true M= Lucis on True Classfur()

X= [181,80,91], E182, 90,92], E183, 100,92], [184,200,94]

[165, 300,94], [186, 400, 95], [187, 500,96], [189,600,97], [190,700,98], [191,800,99], [192,900,100],

[193,1000,101].

y = I'male', 'male', 'female', 'male', 'female,' 'male',

'Semal', 'male', 'femal', 'male']

alf = alf. fit (x, y). Prediction &= elf. pandict ([[181,80,9]]).

Prediction m = elf. preudict (II 183,100,73)

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Pulnt ( Pudiction m).

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RESULT!

Thus Simplementation of decision terce Massification technique is implimented and executed successfully.