Suraj kumar Jha

Q1 . save python in html.

Q3

b = [[1, 2, 3, 4, 5, 1, 2, 3, 1, 2, 1], 2]

numb = b[0]

uniqnum = set(numb)

freqnum = None

maxfre = 0

for number in uniqnum:

freq = numb.count(number)

if freq > maxfre:

freqnum = number

maxfre = freq

print("frequent number = ", freqnum)

Q4.

select student\_name,marks as top\_marks from

( select \*,

row\_number() over( order by marks desc) as rn

from studentsdetails

) as x

where x.rn in(1,2,3);

or

select student\_name,marks as total\_marks

from studentsdetails

order by total\_marks desc

limit 3

Q5.

WITH quar\_grp AS (

  SELECT

    stud\_name,marks\_ach,

    PERCENTILE\_CONT(0.25) WITHIN GROUP (ORDER BY marks\_ach) OVER () AS quart\_1,

    PERCENTILE\_CONT(0.5) WITHIN GROUP (ORDER BY marks\_ach) OVER () AS quart\_2,

  FROM

    studentdetails

)

SELECT

  stud\_name,marks\_ach,

  CASE

    WHEN marks\_ach <= quart\_1 THEN 'Quart 1'

    WHEN marks\_ach <= quart\_2 THEN 'Quart 2'

    ELSE 'Quart 3'

  END AS Quartiles

FROM

  quar\_grp

ORDER BY

  marks\_ach;