

EXPERIMENT-39

Aim: To execute py pandas program to get 1st 3 rows of dataframe.

Pseudocode:

- 1) Import the pandas and numpy libraries.
- 2) Create dictionary exam_data
- 3) Create a list labels
- 4) Use pd.DataFrame()
- 5) Use .head(3) to display 1st 3 rows

Sample input:

Sample data (name, score, attempts, qualify)

Sample output:

name	score	attempts	qualify
Anastasia	12.5	1	yes
Dima	9.0	3	no
Katherine	16.5	2	yes.

Result:

Therefore the pandas program to display 1st 3 rows of data executed successfully.

colab.research.google.com/drive/1ljj6pvQiHiMEA98BYzwJO_yko-coQjmu#scrollTo=jQZs5PfxThWK

query lab

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```
[ ] df = pd.DataFrame(exam_data, index=labels)

# Get the first 3 rows of the DataFrame
first_three_rows = df.head(3)

# Display the first 3 rows
print(first_three_rows)
```

	name	score	attempts	qualify
a	Anastasia	12.5	1	yes
b	Dima	9.0	3	no
c	Katherine	16.5	2	yes

```
import pandas as pd
import numpy as np

# Sample data
exam_data = {
    'name': ['Anastasia', 'Dima', 'Katherine', 'James', 'Emily',
            'Michael', 'Matthew', 'Laura', 'Kevin', 'Jonas'],
    'score': [12.5, 9, 16.5, np.nan, 9, 20, 14.5, np.nan, 8, 19],
```