1)write a pandas program to create a dataframe from a dictionary and display it. sample data. score={'Math':[78,85,96,80,86],'English':[84,94,89,83,86],'Hindi':[86,97,96,72,83]}

import pandas as pd

score = {

'Math': [78, 85, 96, 80, 86],

'English': [84, 94, 89, 83, 86],

'Hindi': [86, 97, 96, 72, 83]

}

df = pd.DataFrame(score)

print(df)

output-:

Math English Hindi

0 78 84 86

1 85 94 97

2 96 89 96

3 80 83 72

4 86 86 83

**2) write a pamdas program to create and display a dataframe from a specified dictionary data which has the index labels. sample python dictionary data and list labels: exam\_data = {'name':['Anastasia','Dima','Katherine','James','Emily','Michael','Mathew','laura','kelvin','Jonas',], 'score':[12.5,9,16.5,np.nan,9,20,14.5,np.nan,8,19], 'attempts': [1,3,2,3,2,3,1,1,2,1], 'qualify':['yes','no','yes','no','no','yes','yes','no','no','yes']}**

import pandas as pd

import numpy as np # Import numpy for handling NaN values

exam\_data = {

'name': ['Anastasia', 'Dima', 'Katherine', 'James', 'Emily',

'Michael', 'Mathew', 'Laura', 'Kelvin', 'Jonas'],

'score': [12.5, 9, 16.5, np.nan, 9, 20, 14.5, np.nan, 8, 19],

'attempts': [1, 3, 2, 3, 2, 3, 1, 1, 2, 1],

'qualify': ['yes', 'no', 'yes', 'no', 'no', 'yes', 'yes', 'no', 'no', 'yes']

}

df = pd.DataFrame(exam\_data, index=['a', 'b', 'c', 'd', 'e', 'f', 'g', 'h', 'i', 'j'])

print(df)

output-:

