Pandas Assignment-1 DataFrame Creation

Write Command(s) to perform the following

Q1. Create a DataFrame df1 from the list of list as given below

Data = [

[101,’rakesh’,45,67,89,89],

[102,’anuj’,67,56,3,78],

[103,’Ramesh’,56,78,34,78],

[104,’prashant’,86,87,56,78],

[105,’jm’,95,74,7,57]

]

Q2. Create a Pandas DataFrame df2 from the given dictionary

Student = {‘admno’:106,’name’:’rakesh’,’eng’:67,’math’:98,’ip’:89,’acc’:98}

Q3. Create a Pandas DataFrame df3 from the given list of dictionary

Students =[

{‘admno’:107,’name’:’anurag’,’Eng’:89,’Eco’:56,’IP’:89,’bs’:90’},

{‘admno’:108,’name’:’mukul’,’Eng’:79,’Eco’:45,’IP’:92,’bs’:92’},

{‘admno’:109,’name’:’khushi’,’Eng’:59,’Eco’:45,’IP’:69,’bs’:95’},

{‘admno’:110,’name’:’vignesh’,’Eng’:93,’Eco’:58,’IP’:86,’bs’:78’},

{‘admno’:111,’name’:’mahir’,’Eng’:85,’Eco’:95,’IP’:839,’bs’:93’}

]

Q4 Create a Pandas DataFrame df4 using the following dictionary of list

Students ={

‘admno’:[101,102,103,104,105,106],

‘name’:[‘atul’,’ramesh’,suresh’,’raman’,’jatin’,’mahir’],

‘eng’:[23,56,67,78,89,98],

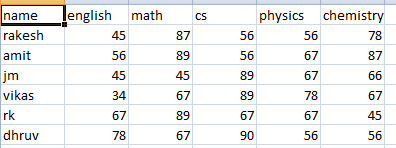
‘ip’:[56,67,56,78,89,34],

‘acc’:[56,67,89,45,89,89],

‘bs’:[56,78,89,56,78,78]

}

Q5. Create a CSV student.csv in Microsoft excel with the following data



Import this csv file to create a pandas DataFrame

Q6. import pandas as pd

Weekdays =[‘Sunday’,’monday’,’tuesday’,’wednesday’,Thursday’,’friday’,’saturday’]

S1= pd.Series([1,2,3,4,5,6,7],index=weekdays]

Create a pandas DataFrame Df6 using the python Pandas series s1