**Q1 - Pandas Series**

1. How to create Series with nd array
2. How to create Series with Mutable index
3. Creating a series from a Dictionary
4. Print all the values of the Series by multiplying them by 2.
5. Print Square of all the values of the series.
6. Print all the values of the Series that are greater than2
7. Addition of two series
8. Print the first and last 5 elements of a series
9. Print the values from index 0 to 5
10. Selection Using loc, iloc index label
11. Retrieve subsets of data using slicing

**Q2 Dataframe**

1. create Dataframe From Series
2. DataFrame from List of Dictionaries
3. Display the first 5 rows of data frame
4. Select the last two columns of the data frame
5. Add two data frames
6. Demonstrate deletion, and renaming of columns
7. Demonstrate concat, Merge operations in data frame
8. Write a Pandas program to join the two given dataframes along rows and assign all data

**Test Data:**

student\_data1:

student\_id name marks

0 S1 Danniella Fenton 200

1 S2 Ryder Storey 210

2 S3 Bryce Jensen 190

3 S4 Ed Bernal 222

4 S5 Kwame Morin 199

student\_data2:

student\_id name marks

0 S4 Scarlette Fisher 201

1 S5 Carla Williamson 200

2 S6 Dante Morse 198

3 S7 Kaiser William 219

4 S8 Madeeha Preston 201