

Day 9

DIY

Q1. Problem Statement: Creating Pandas Series

Write a Python program to create two lists - one for countries and another for country codes. Create a pandas series from these two lists with the codes as the index. Print the length, shape, and size of the series too.

Input Format:

You do not need to read any input in this problem.

Sample Output:

```
The series is:  
IND      India  
CAN      Canada  
AUS      Australia  
JAP      Japan  
GER      Germany  
FRA      France  
dtype: object  
Length of the series is:  6  
Shape of the series is:  (6,)  
Size of the series is:  6
```

Q2. Problem Statement: Creating Pandas DataFrame

Write a Python program that reads Name, Age, and Roll no. as input from the user and stores it into a DataFrame, and prints the DataFrame you have created.

Input Format:

```
Enter the number of Student records you want to store: 2
Enter the Name of the student: Shubham
Enter the Age of the student in years: 9
Enter the Roll no. of the student 56
Enter the Name of the student: Harshit
Enter the Age of the student in years: 8
Enter the Roll no. of the student 34
```

Sample Output:

```
The DataFrame is-_____
      Name Age Roll No.
0  Shubham   9    56
1  Harshit   8    34
```

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