Purpose: We want to create a matrice of 3x4 using Panda with the columns shown below. Then we want two more things. The value with just the Eleanor column and a new created “Janet” column that uses the values from Tahani and Jason for its prediction.

```
# creates new matrice of 3x4 size with min value 0 and max value 100
new_3d_arr = np.random.randint(low=0, high=101, size=(3,4))
print(new_3d_arr)
# column names
column_names = ['Eleanor', 'Chidi', 'Tahani', 'Jason']
my_data_frame = pd.DataFrame(data=new_3d_arr, columns = column_names)
print('\n')
print(my_data_frame)

print('\n')
# we only want the column eleanors data
print("Column: 'Eleanor")
print(my_data_frame['Eleanor'])

print('\n')
# we get the new column, Janet, by adding the values from Tahani and Jason
my_data_frame['Janet'] = my_data_frame['Tahani'] + my_data_frame['Jason']
print(my_data_frame)
```

```
[[61 92 41 60]
 [35  3 93  0]
 [68 85 66  6]]


   Eleanor  Chidi  Tahani  Jason
0       61     92      41     60
1       35      3      93      0
2       68     85      66      6


Column: 'Eleanor
0    61
1    35
2    68
Name: Eleanor, dtype: int64


   Eleanor  Chidi  Tahani  Jason  Janet
0       61     92      41     60    101
1       35      3      93      0     93
2       68     85      66      6     72
```