DataFrame Project Pandas:

```
#Note : Whole programme should be user driven only
#● End Product : Data Frame with data according to the user
#● Create a dataframe with number of column and and column names
#according to the user
#● Ask user dataframe is created you can store data
#● Let user store data as many times as it requites
#● Store the DataFrame into the memory using syntax
#● DataFrameName.to_csv('DataFrameName.csv')

Name=[]
Physics=[]
Maths=[]
English=[]
i=1
while True:
    print("Enter the marks of students")
    i=i+1
    Name.append(input("Enter the name of student-"))
    Physics.append(int(input("Enter the marks in physics-")))
    Maths.append(int(input("Enter the marks in maths-")))
    English.append(int(input("Enter the marks in english-")))
    print()
    ch=input("Do you want to enter more(y/n)? ")
    if (ch !='y'):
        break
print()
print("This are the results of students")
dict={
    "Name":Name,
    "Physics":Physics,
    "Maths":Maths,
    "English":English
}
dict

Enter the marks of students
Enter the name of student-Jayesh
Enter the marks in physics-88
Enter the marks in maths-71
Enter the marks in english-73

Do you want to enter more(y/n)? y
Enter the marks of students
Enter the name of student-Amit
Enter the marks in physics-70
Enter the marks in maths-96
Enter the marks in english-62
```

```
Do you want to enter more(y/n)? y
Enter the marks of students
Enter the name of student-Jignesh
Enter the marks in physics-94
Enter the marks in maths-83
Enter the marks in english-79

Do you want to enter more(y/n)? y
Enter the marks of students
Enter the name of student- Omkar
Enter the marks in physics-93
Enter the marks in maths-59
Enter the marks in english-91

Do you want to enter more(y/n)? n

This are the results of students

{'Name': ['Jayesh', 'Amit', 'Jignesh', ' Omkar'],
 'Physics': [88, 70, 94, 93],
 'Maths': [71, 96, 83, 59],
 'English': [73, 62, 79, 91]}
```

```python
import pandas as pd
result=pd.DataFrame(dict)
result
```

```
      Name  Physics  Maths  English
0   Jayesh       88     71       73
1     Amit       70     96       62
2  Jignesh       94     83       79
3    Omkar       93     59       91
```

```python
result.to_csv('result.csv')
```