PRN: 2020BTEIT00041

NAME: Om Vivek Gharge

Q. : Create base class "student" :--name, roll.no, class Derive class "result"- marks, average. Perform operation to input data and calculate results as pass or fail with average.

CODE:

```
| coutce | coute | cou
```

OUTPUT:

```
Enter the no. of students:
 Enter the name of the student:
Enter roll no. of the student:
Inter the marks obtained in physics: 99
Enter the marks obtained in chemistry: 95
Enter the marks obtained in maths: 98
The Average Marks obtained are : 97.3333
 Enter the name of the student:
Enter roll no. of the student:
Enter the marks obtained in physics: 35
Enter the marks obtained in chemistry: 25
Enter the marks obtained in maths: 20
The Average Marks obtained are : 26.6667
 Enter the name of the student:
Jaya
Enter roll no. of the student:
 Enter the marks obtained in physics: 55
Enter the marks obtained in chemistry: 65
Enter the marks obtained in maths: 55
 The Average Marks obtained are: 58.3333
Result—No. 1
The marks obtained in physics are: 99
The marks obtained in chemistry are: 95
The marks obtained in maths are: 98
The average marks obtained by Om are 97.3333
Om has passed the examination
     -----Omkar's Result-----
Comban's Result-Noil No. 2
The marks obtained in physics are: 35
The marks obtained in chemistry are: 25
The marks obtained in maths are: 20
The average marks obtained by Omkar are 26.6667
Omkar has failed the examination
            -----Jaya's Result------
Roll No. 3
The marks obtained in physics are: 55
The marks obtained in chemistry are: 65
The marks obtained in maths are: 55
The average marks obtained by Jaya are 58.3333
Jaya has passed the examination
```