

Custom Exception (OverRange Exception)

Write a program that takes as input the total runs scored and the total overs faced, and calculates the run rate with the formula,

Run rate= total runs scored/total overs faced

This program may generate a custom exception when the over number does not lie between the range $0 < \text{Over} \leq 20$.

Create a class called **OverRangeException** which extends **Exception** and it includes constructor to initialize the message.

Use exception handling mechanisms to handle this exception.

Input and Output Format:

Refer sample input and output for formatting specifications.

All text in bold corresponds to input and the rest corresponds to output.

Sample Input and Output 1:

Enter the total runs scored

79

Enter the total overs faced

14

Current Run Rate : 5.64

Sample Input and Output 2:

Enter the total runs scored

50

Enter the total overs faced

21

OverRangeException: Over is not in the specified range

Testcases

S.No	Name	Input	Output	Sample
1	st1	79 14	Enter the total runs scored Enter the total overs faced Current Run Rate :5.64	Yes
2	t2	50 21	Enter the total runs scored Enter the total overs faced OverRangeException: Over is not in the specified range	Yes
3	t3	43 9	Enter the total runs scored Enter the total overs faced Current Run Rate :4.78	No
4	t4	100 46	Enter the total runs scored Enter the total overs faced OverRangeException: Over is not in the specified range	No
5	t5	56 20	Enter the total runs scored Enter the total overs faced Current Run Rate :2.80	No