

Extra Exercises 1

1. Write a program `mile.cpp` to convert the distance from kilometer to mile. The formula for the conversion is as follows:

$$1 \text{ mile} = 6336 \div 3937 \text{ km}$$

Your program should read the distance in kilometer (km) from the system input and output the distance in mile to the screen.

Sample runs:

```
Input the distance in kilometer: 6336
Distance in mile: 3937
```

```
Input the distance in kilometer: 10.5
Distance in mile: 6.52438
```

2. Write a program `judge.cpp` to read 4 scores from the scoring panel of a competition. Each of the judges will give a score between 0 to 10. Before finding the average scores, we need to discard the highest one.

Sample runs:

```
Input scores: 1 2 3 4
Final scores: 2
```

```
Input scores: 3 2 3 3
Final scores: 2.66667
```