

1. Write a Java program to convert temperature from Fahrenheit to Celsius degree.

*Test Data*

*Input a degree in Fahrenheit: 212*

*Expected Output:*

*212.0 degree Fahrenheit is equal to 100.0 in Celsius*

2. Write a Java program that reads a number in inches, converts it to meters.

*Test Data*

*Input a value for inch: 1000*

*Expected Output :*

*1000.0 inch is 25.4 meters*

3. Write a Java program that reads an integer between 0 and 1000 and adds all the digits in the integer

*Test Data*

*Input an integer between 0 and 1000: 565*

*Expected Output :*

*The sum of all digits in 565 is 16*

4. Write a Java program to convert minutes into a number of years and days

*Test Data*

*Input the number of minutes: 3456789*

*Expected Output :*

*3456789 minutes is approximately 6 years and 210 days*

5. Write a Java program to takes the user for a distance (in meters) and the time was taken (as three numbers: hours, minutes, seconds), and display the speed, in meters per second, kilometers per hour and miles per hour (hint: 1 mile = 1609 meters).

*Test Data*

*Input distance in meters: 2500*

*Input hour: 5*

*Input minutes: 56*

*Input seconds: 23*

*Expected Output :*

*Your speed in meters/second is 0.11691531*

*Your speed in km/h is 0.42089513*

*Your speed in miles/h is 0.26158804*