

Tutorial 1

Question 1

Write a program in java to read the radius of a sphere and output the volume and surface area of the sphere.

Question 2

Write a program in java to read a distance in miles and returns the value in km.

Question3

Write a program in java that will allow you to input a temperature in degrees Celsius and output the corresponding value in Fahrenheit.

Question 4

Write a program in java that allows you to read an amount of currency in dollars and the exchange rate of dollars in rupees. The program should output the corresponding amount in rupees.

Question 5

A man distributes his monthly salary among his family as follows:

- Half of the salary goes in general expenditure of the house
- One third of the remainder is spent in fuel consumption for his car
- Out of the rest, one third is kept as savings while the remaining part is shared among members of the family so that parents get twice as much as children

Write a java program that allows you to input the salary of a person and the number of children he has and output the pocket money obtained by one of the parents and one child.