Sunbeam Institute of Information Technology Pune,Karad

Java Assignment 4

Q1) Write a java program to reverse a String

Q2) Write a java code to check string is palindrome.

Q3) write a java program to count number of words in a String.

Hint: You can use , trim() , length() and split() methods

Q4) Write an enum type TrafficLight, whose constants (RED, GREEN, YELLOW) take one parameter—the duration of the light.Write a program to test the TrafficLight enum so that it displays the enum constants and their durations.

Q5) Create an application that calculates your daily driving cost, so that you can estimate how much money could be saved by car pooling, which also has other advantages such as reducing carbon emissions and reducing traffic congestion. The application should input the following information and display the user's cost per day of driving to work:

a) Total miles driven per day.

b) Cost per gallon of gasoline.

c) Average miles per gallon.

d) Parking fees per day.

e) Tolls per day.