



Sheryians Coding  
School

# Live Cohort

## ASSIGNMENT 2



# Assignment: JavaScript-Based Railway Ticket Booking System

## Questions:

### 1. Class Definition

- Define a class named RailwayTic

### 2. Data Members

- Inside the class, declare the following properties:
  - name: to store the name of the customer (string)
  - coach: to store the type of coach (string)
  - mob\_no: to store the mobile number (number)
  - amt: to store the base ticket amount (number)
  - total\_amt: to store the total amount after coach-based fare update (number)

### 3. Method: accept()

- Define a method accept(name, coach, mob\_no, amt) that assigns the given values to the respective data members of the class.

### 4. Method: update()

- Define a method update() that modifies the total\_amt based on the value of coach. Use the following fare chart:

## **5. Method: display()**

- Define a method **display()** that prints the ticket details in the following format:

**NAME: <name>**

**COACH: <coach>**

**MOBILE NUMBER: <mob\_no>**

**TOTAL AMOUNT: ₹<total\_amt>**

## **6. Create an object of the RailwayTicket class.**

## **7. User Interaction**

- Use the object to:

- Call the **accept()** method with sample input values.
- Call the **update()** method to calculate the total fare.
- Call the **display()** method to print the ticket details.