

Aapali Taxi Meter App

Problem statement:

Aapali Taxi is a taxi cab operator. They have 3 types of cars - Mini, Sedan and SUV, each with different tariffs. When customers approach them for booking rides, they would like you to create a program that can calculate an "Estimated Cost" for these passengers based on various parameters.

- Mini
 - Base charges flat up to 3 KM - Rs. 50
 - For next 15 KM - Rs. 10 per KM
 - Additional distance charged at Rs. 8 per KM
 - If total ride distance is more than 75 KM, ride charged at Rs. 8 per KM flat with no base charges
- Sedan
 - Base charges flat up to 5 KM - Rs. 80
 - For next 15 KM - Rs. 12 per KM
 - Additional distance charged at Rs. 10 per KM
 - If total ride distance is more than 100 KM, ride charged at Rs. 10 per KM flat with no base charges
- SUV
 - Base charges flat up to 5 KM - Rs. 100
 - For next 15 KM - Rs. 15 per KM
 - Every additional KM Rs. 12 per KM
 - No flat charges, pay as per tariff above

Sample scenarios:

Input: 10 KM

Expected Output: Mini - Rs. 120, Sedan - Rs. 140, SUV - Rs. 175

Input: 20 km

Expected Output: Mini - Rs. 216, Sedan - Rs. 260, SUV - Rs. 325

Input: 80 km

Expected Output: Mini - Rs. 640, Sedan - Rs. 860, SUV - Rs. 1045

Input: 120 km

Expected Output: Mini - Rs. 960, Sedan - Rs. 1200, SUV - Rs. 1525