

Assignment

Develop an online fare calculator for KL Monorail using HTML and PHP. You must develop this in a group of 2 to 3 students.

The fare is based on the fare table given here.

Monorail Fare (RM)											
From \ To	KL Sentral	Tun Sambanthan	Maharajalela	Hang Tuah	Imbi	Bukit Bintang	Raja Chulan	Bukit Nanas	Medan Tuanku	Chow Kit	Titiwangsa
KL Sentral		1.20	1.60	1.60	1.60	2.10	2.10	2.10	2.50	2.50	2.50
Tun Sambanthan	1.20		1.20	1.60	1.60	1.60	2.10	2.10	2.10	2.50	2.50
Maharajalela	1.60	1.20		1.20	1.20	1.60	1.60	1.60	2.10	2.10	2.50
Hang Tuah	1.60	1.60	1.20		1.20	1.20	1.20	1.60	1.60	2.10	2.10
Imbi	1.60	1.60	1.20	1.20		1.20	1.20	1.60	1.60	1.60	2.10
Bukit Bintang	2.10	1.60	1.60	1.20	1.20		1.20	1.20	1.60	1.60	2.10
Raja Chulan	2.10	2.10	1.60	1.20	1.20	1.20		1.20	1.20	1.60	1.60
Bukit Nanas	2.10	2.10	1.60	1.60	1.60	1.20	1.20		1.20	1.20	1.60
Medan Tuanku	2.50	2.10	2.10	1.60	1.60	1.60	1.20	1.20		1.20	1.60
Chow Kit	2.50	2.50	2.10	2.10	1.60	1.60	1.60	1.20	1.20		1.20
Titiwangsa	2.50	2.50	2.50	2.10	2.10	2.10	1.60	1.60	1.60	1.20	

The system must allow commuters to purchase one or more tokens from any selected station to another. For every purchase, only one selected from station and one selected to station are allowed. The tokens can be one-way or return (two-way) tokens. In addition to normal adult commuters (fare as given in the fare table), there are additional 3 categories of commuters that are given a discount. The discount rates are as follows: senior citizens (25%), disabled (40%) and students (30%). You must use arrays for the lookup of the fare table. Total amount to be paid by commuters must be calculated.

For every purchase, the details of the purchase must be displayed. You are also encouraged to add other features that are not mentioned here such as input validation, images, etc. A clean and good design of the user interface is important.

You are required to upload the related files (compressed in one zip or rar file). In addition, you must submit a report that includes the code and screen capture of selected pages of your system.

The deadline is 2 December 2022, 7:00 pm.