

Train Station schedule algorithm

Path	Departures (5am-9pm)	Transit time
(1) Orange County to Los Angeles	A train leaves every hour 5am,6am,7am...	Estimated travel time 1 hours
(2) Orange County to San Diego	A train leaves every other hour 5am,7am,9am..	Estimated travel time 2 hours

Step 0 - Start program

Step 1 - Display prompt for menu options

Step 2 - Enter 1 for OC to Los Angeles or 2 for OC to San Diego

Step 3 - The schedule for that destination will appear

Step 4 - Select a time from the list to board the train

Step 5 - The system will output the travel information such as estimated travel time, departure time, and when you'd expect to arrive

Step 6 - Would you like to see the previous schedule again? (Y/N)

Step 7- If you would like to see the schedule for that same train again then select yes 'y'

Step 8 - After which you will have the option to schedule a new trip

Step 9 - If yes is selected the program will return to step 2

Step 10 - If you select no the program will prompt you to quit the program.

Step 11 - End program