

ALGORITHM FOR CODE:

Step-1: Start

Step-2: Initialize variables

Step-3: Take the input from the user and calculate the price according to route

Step-4: Case1:Adult+Children (if $r=1$ book tickets for route number 1 or if $r=2$ book tickets for route number 2 or if $r=3$ book tickets for route number 3 or if $r=4$ book tickets for route number 4 or if $r=5$ book tickets for route number 5 else go book route number 6)

Case2:Adult (if $r=1$ book tickets for route number 1 or if $r=2$ book tickets for route number 2 or if $r=3$ book tickets for route number 3 or if $r=4$ book tickets for route number 4 or if $r=5$ book tickets for route number 5 else go book route number 6)

Case3:Exit

Step-5: Display the amount according to the route that choosed by the user Step-6: Stop.