



AIRLINE TICKETING SYSTEM

Command to `compile` this program - `make all`
Command to `execute` the program - `./airlines`
Command to `clear` the `.o` files - `make clean`

This takes the user to the `login page`, where they have two options for login, either as `user` to `book/cancel/print` flight ticket or as `admin` to `add` or `delete` flights.

For `user` - If you do not have an account in our 'IIITB airlines' service you need to signup and make an account.

For `booking` a new ticket we display all flights and provide `filter` options to the using basing on `takeoff` destination, `landing` destination, `departure` time, `arrival` time and price.

After choosing a flight, user is asked to `provide his details`. Program then, takes the user to a `seat selection` page displaying all the seats in that flight, allowing the user to choose one. Subsequently, after seat selection `booking ID` is allotted and `ticket is printed`.

To `cancel` an existing ticket user needs to provide only the booking ID.

For `admin` - admin has two options either to `add` or `delete` flights.

For `adding` a flight all information regarding the flight such as `Flight number`, `company's name`, `take off` and `landing` destinations, time of `arrival` and `departure`, travel time, number of seats and `price` of ticket is needed.

For `deleting` a flight only the flight number is needed.

Team members :

`IMT2019003` - `Aditya Vardhan`

Deleting Ticket, Checking of Deleted Ticket

`IMT2019012` - `Archit Sangal`

Debugging The Code, Creating Main, Creating User Login, Creating Admin Login, Deleting the seat after deleting a ticket

`IMT2019021` - `C Karthik`

Print The Boarding Pass Or Ticket In A Proper Format By Storing it in a ".txt" file

`IMT2019060` - `Nikhil Agrawal`

Sorting The Flights According To Different Parameter

`IMT2019503` - `Bangari Amulya`

Storing The booked Ticket In A File and Generating a Random Booking ID

`IMT2019511` - `Manaswitha Reddy Kauluri`

Seat booking, Admin, Readme

ENTER 1 OR 2

1) USER

2) ADMIN

Enter your choice:

IF YOU ARE A NEW USER SIGN UP OTHERWISE LOGIN

Enter 1 for LOGIN

Enter 2 for SIGN UP

Enter the desired option: █

- 1 Book A New Ticket
- 2 Cancelling An Existing Ticket
- 3 Print An Existing Ticket

Enter the desired option : █

Select Your Flight

Keep Following Rules In Mind :-

- 1) Filters Are Case Sensitive.
- 2) To Skip A Filter Enter. "*"
- 3) Once A Filter Is Skipped It Can NOT Be Applied Again.
- 4) Enter Exactly The Same Data As Given In the Table Above For Each Input.
- 5) If You Skip Filters And More Than 1 Flight Is Left At The End Of Filter Process Then First One Is Taken.

INDadmi123 IND Mum Del 0000 0100 060 60 4500
AIRokok456 AIR Mum Ban 0600 0800 120 60 6000
SPJfine123 SPJ Deh Del 0800 0840 040 60 3000

FROM : █

W [1]	[2]	[3]	[4] W
W [5]	[6]	[7]	[8] W
W [9]	[10]	[11]	[12] W
W [13]	[14]	[15]	[16] W
W [17]	[18]	[19]	[20] W
W [21]	[22]	[23]	[24] W
W [25]	[26]	[27]	[28] W
W [29]	[30]	[31]	[32] W
W [33]	[34]	[35]	[36] W
W [37]	[38]	[39]	[40] W
W [41]	[42]	[43]	[44] W
W [45]	[46]	[47]	[48] W
W [49]	[50]	[51]	[52] W
W [53]	[54]	[55]	[56] W
W [57]	[58]	[59]	[60] W

Select a nonzero seat number : █

AIR TICKET			:	BOARDING PASS	
Name of passenger: ArchitSingle			:	NAME:ArchitSingle	
DATE:25/12/2019			:	FROM:Mum	
TIME:0600			:	TO:Ban	
Class:Business			:	DATE:25/12/2019	
SEAT:10			:	TIME:0600	
Booking ID : 49169051			:	SEAT:10	
From:Mum			:	FLIGHT:AIRokok456	
Destination:Ban			:		