

COMP SCI 2XB3

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CarSearch Instruction Guide

CORPORATE GRAPHICS AND COMMUNICATIONS

CarSearch Instruction Guide

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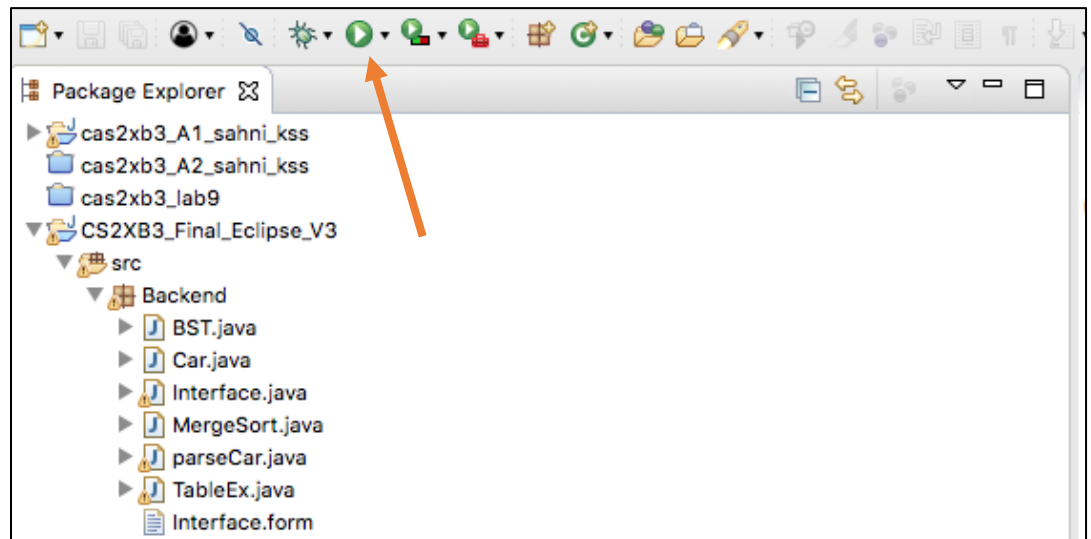
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Opening Up The Interface

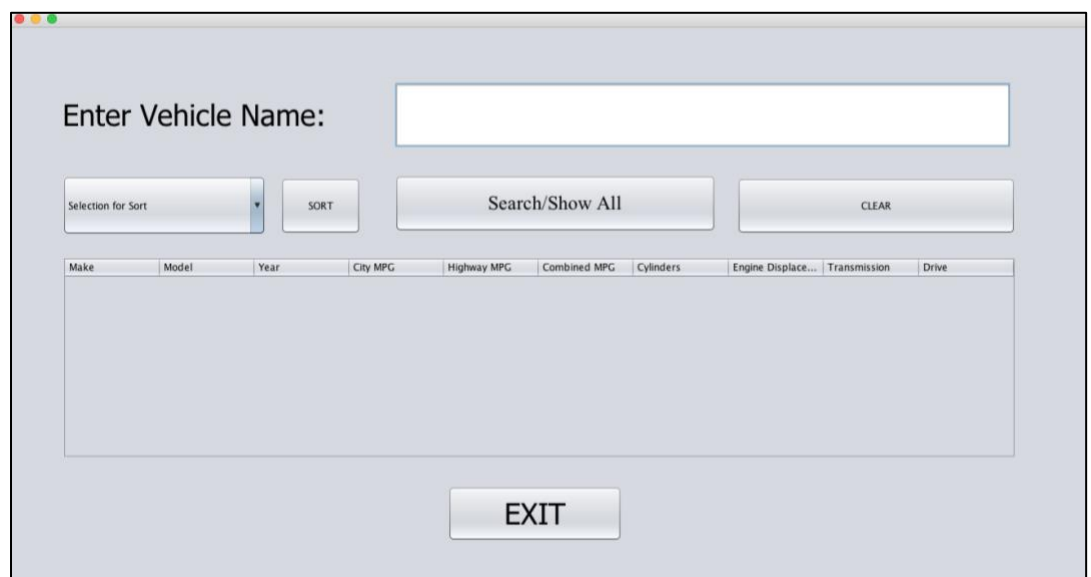


The Arrow Above Shows the Interface.java File Which Contains the Code for the Graphical User Interface for Easily Accessing the Data.

Accessing/Running The Interface



After Viewing the Code, the JFrame GUI can be opened by clicking the Play Button as Indicated by the Orange Arrow. This will Run the GUI of the Interface in a new Window.



As seen Above is the Initial View of the GUI for CarSearch.

Key Features

Enter Vehicle Name:

Selection for Sort:

Make	Model	Year	City MPG	Highway MPG	Combined MPG	Cylinders	Engine Displace...	Transmission	Drive
TOYOTA	HIGHLANDER	2001	19	25	22	4	2.4	Automatic 4-spd	Front-Wheel Drive
TOYOTA	HIGHLANDER	2002	19	25	22	4	2.4	Automatic 4-spd	Front-Wheel Drive
TOYOTA	HIGHLANDER	2003	19	25	22	4	2.4	Automatic 4-spd	Front-Wheel Drive
TOYOTA	HIGHLANDER	2004	19	25	22	4	2.4	Automatic 4-spd	Front-Wheel Drive
TOYOTA	HIGHLANDER	2005	19	25	22	4	2.4	Automatic 4-spd	Front-Wheel Drive
TOYOTA	HIGHLANDER	2006	19	25	22	4	2.4	Automatic 4-spd	Front-Wheel Drive
TOYOTA	HIGHLANDER	2007	19	25	22	4	2.4	Automatic 4-spd	Front-Wheel Drive
TOYOTA	HIGHLANDER	2008	18	24	20	6	3.5	Automatic (55)	Front-Wheel Drive
TOYOTA	HIGHLANDER	2009	18	24	20	6	3.5	Automatic (55)	Front-Wheel Drive
TOYOTA	HIGHLANDER	2010	20	27	22	4	2.7	Automatic (56)	Front-Wheel Drive
TOYOTA	HIGHLANDER	2011	20	25	22	4	2.7	Automatic (56)	Front-Wheel Drive
TOYOTA	HIGHLANDER	2012	20	25	22	4	2.7	Automatic (56)	Front-Wheel Drive
TOYOTA	HIGHLANDER	2013	20	25	22	4	2.7	Automatic (56)	Front-Wheel Drive
TOYOTA	HIGHLANDER	2014	20	25	22	4	2.7	Automatic (56)	Front-Wheel Drive

After Typing in the Text Field, the Search/Show All Button as Indicated by the Orange Arrow is Pressed to Search for Cars with That Model.

Enter Vehicle Name:

Selection for Sort:

Selection for Sort

Selection for Sort

Make

Model

Year

City MPG

Highway MPG

Combined MPG

Recalls

TOYOTA

HIGHLANDER

2008

18

24

20

6

3.5

Automatic (55)

Front-Wheel Drive

TOYOTA

HIGHLANDER

2010

20

27

22

4

2.7

Automatic (56)

Front-Wheel Drive

TOYOTA

HIGHLANDER

2011

20

25

22

4

2.7

Automatic (56)

Front-Wheel Drive

TOYOTA

HIGHLANDER

2012

20

25

22

4

2.7

Automatic (56)

Front-Wheel Drive

TOYOTA

HIGHLANDER

2013

20

25

22

4

2.7

Automatic (56)

Front-Wheel Drive

TOYOTA

HIGHLANDER

2014

20

25

22

4

2.7

Automatic (56)

Front-Wheel Drive

Make	Model	Year	City MPG	Highway MPG	Combined MPG	Cylinders	Engine Displace...	Transmission	Drive
TOYOTA	HIGHLANDER	2001	19	25	22	4	2.4	Automatic 4-spd	Front-Wheel Drive
TOYOTA	HIGHLANDER	2002	19	25	22	4	2.4	Automatic 4-spd	Front-Wheel Drive
TOYOTA	HIGHLANDER	2003	19	25	22	4	2.4	Automatic 4-spd	Front-Wheel Drive
TOYOTA	HIGHLANDER	2004	19	25	22	4	2.4	Automatic 4-spd	Front-Wheel Drive
TOYOTA	HIGHLANDER	2005	19	25	22	4	2.4	Automatic 4-spd	Front-Wheel Drive
TOYOTA	HIGHLANDER	2006	19	25	22	4	2.4	Automatic 4-spd	Front-Wheel Drive
TOYOTA	HIGHLANDER	2007	19	25	22	4	2.4	Automatic 4-spd	Front-Wheel Drive
TOYOTA	HIGHLANDER	2008	18	24	20	6	3.5	Automatic (55)	Front-Wheel Drive
TOYOTA	HIGHLANDER	2009	18	24	20	6	3.5	Automatic (55)	Front-Wheel Drive
TOYOTA	HIGHLANDER	2010	20	27	22	4	2.7	Automatic (56)	Front-Wheel Drive
TOYOTA	HIGHLANDER	2011	20	25	22	4	2.7	Automatic (56)	Front-Wheel Drive
TOYOTA	HIGHLANDER	2012	20	25	22	4	2.7	Automatic (56)	Front-Wheel Drive
TOYOTA	HIGHLANDER	2013	20	25	22	4	2.7	Automatic (56)	Front-Wheel Drive
TOYOTA	HIGHLANDER	2014	20	25	22	4	2.7	Automatic (56)	Front-Wheel Drive

A Sort Function is also Implemented as Indicated by the Orange Arrow. The Dropdown Menu Allows the User to Choose the Sorting Parameter and Clicking the Sort Button Beside It Sorts the Table in Live View.

Enter Vehicle Name:

Year

Make	Model	Year	City MPG	Highway MPG	Combined MPG	Cylinders	Engine Displace...	Transmission	Drive
TERRY	S	1985	19	25	21	4	0	Manual 5-spd	Rear-Wheel Drive
TERRY	TE	1985	9	14	11	12	4	Manual 5-spd	Rear-Wheel Drive
TERRY	T	1985	9	14	11	12	4.9	Manual 5-spd	Rear-Wheel Drive
FERRARI	TESTAROSSA	1985	9	14	11	12	4.9	Manual 5-spd	Rear-Wheel Drive
AUTOCAR	C	1985	23	33	27	4	2.2	Manual 5-spd	Front-Wheel Drive
DODGE	CHARGER	1985	23	33	27	4	2.2	Manual 5-spd	Front-Wheel Drive
MAK	CH	1985	23	33	27	4	2.2	Manual 5-spd	Front-Wheel Drive
DODGE	B150	1985	10	12	11	8	5.2	Automatic 3-spd	Rear-Wheel Drive
TERRY	L	1993	17	23	19	4	2.2	Manual 5-spd	4-Wheel or All...
SUBARU	LEGACY	1993	17	23	19	4	2.2	Manual 5-spd	4-Wheel or All...
MAK	LE	1993	17	23	19	4	2.2	Manual 5-spd	4-Wheel or All...
SUBARU	LOYALE	1993	21	24	22	4	1.8	Automatic 3-spd	Front-Wheel Drive
AUTOCAR	C	1993	23	26	24	4	1.6	Automatic 3-spd	Front-Wheel Drive
TOYOTA	COROLLA	1993	23	26	24	4	1.6	Automatic 3-spd	Front-Wheel Drive

Another Feature Allows for the Ability to See All the Cars in the Database. By Simply Clicking the Show All Button when the Text Field is Empty, will Load into the Table All of the Cars in the Database.

Enter Vehicle Name:

Year

Make	Model	Year	City MPG	Highway MPG	Combined MPG	Cylinders	Engine Displace...	Transmission	Drive
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Finally, Clicking on the CLEAR Button will Reset the Table and its Live View to the Initial Empty View.