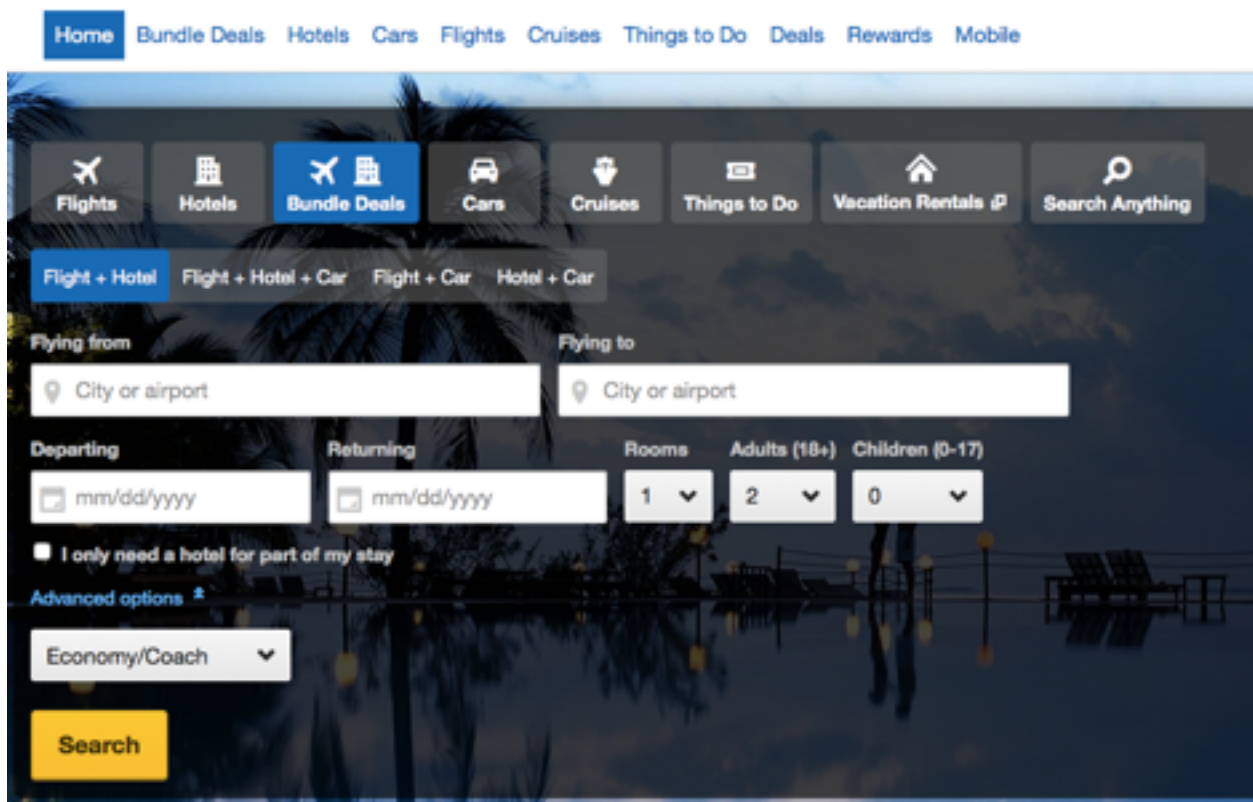


Web Applications Testing — Assignment 2

This is the first half of the Expedia web automation project.

Use Selenium to

- Go to <https://www.expedia.com/>
- Below is the default search area in the Expedia home page if you have not been there before.



The screenshot shows the Expedia homepage with a search interface. At the top, there is a navigation bar with links: Home, Bundle Deals, Hotels, Cars, Flights, Cruises, Things to Do, Deals, Rewards, and Mobile. Below this is a row of search categories: Flights, Hotels, Bundle Deals (highlighted), Cars, Cruises, Things to Do, Vacation Rentals, and Search Anything. Under these categories are sub-options: Flight + Hotel, Flight + Hotel + Car, Flight + Car, and Hotel + Car. The main search area includes fields for 'Flying from' and 'Flying to', both labeled 'City or airport'. Below these are 'Departing' and 'Returning' date pickers, each showing 'mm/dd/yyyy'. To the right of the date pickers are dropdown menus for 'Rooms' (set to 1), 'Adults (18+)' (set to 2), and 'Children (0-17)' (set to 0). There is a checkbox labeled 'I only need a hotel for part of my stay'. Below this is an 'Advanced options' link and a dropdown menu for 'Economy/Coach'. At the bottom is a yellow 'Search' button.

- Select the Flights tab, the search area is updated, as shown below.

The screenshot shows a travel website's search interface. At the top, a navigation bar includes links for Home, Bundle Deals, Hotels, Cars, Flights, Cruises, Things to Do, Deals, Rewards, and Mobile. Below this, a row of buttons with icons allows selection of Flights, Hotels, Bundle Deals, Cars, Cruises, Things to Do, Vacation Rentals, and a Search Anything option. The 'Flights' button is highlighted. Underneath, tabs for Roundtrip, One way, and Multiple destinations are visible, with 'Roundtrip' selected. The main search area contains two input fields for 'Flying from' and 'Flying to', both with placeholder text 'City or airport'. Below these are fields for 'Departing' and 'Returning' dates, each with a calendar icon and the format 'mm/dd/yyyy'. To the right of the date fields are dropdown menus for 'Adults (18+)' (set to 1) and 'Children (0-17)' (set to 0). Further down, there are checkboxes for 'Add a hotel' and 'Add a car'. At the bottom left of the search area is a yellow 'Search' button. The background of the interface features a tropical scene with palm trees and a body of water.

- Provide the following input values
 - Flying from: San Francisco, CA
 - Flying to: New York, NY
 - Departing: 06/20/2016
 - Returning: 06/24/2016
 - Adults: 3
 - Children: 2
 - Child 1 age: 5
 - Child 2 age: 10
 - Check the “Add a car” checkbox

The screenshot shows a travel booking website interface. At the top is a navigation bar with links: Home, Bundle Deals, Hotels, Cars, Flights, Cruises, Things to Do, Deals, Rewards, and Mobile. Below this is a row of category buttons: Flights (selected), Hotels, Bundle Deals, Cars, Cruises, Things to Do, Vacation Rentals, and Search Anything. Under the Flights button, there are tabs for Roundtrip (selected), One way, and Multiple destinations. The main form fields are: Flying from (San Francisco, CA), Flying to (New York, NY), Departing (06/20/2016), and Returning (06/24/2016). Below these are dropdown menus for Adults (18+) (3), Children (0-17) (2), Child 1 age (5), and Child 2 age (10). There is a link for Airline age rules. At the bottom of the form are checkboxes for Add a hotel and Add a car (checked). A message box states: "A car will be added to your search. You'll be able to customize your car choice later." A yellow Search button is at the bottom left.

Home Bundle Deals Hotels Cars Flights Cruises Things to Do Deals Rewards Mobile

Flights Hotels Bundle Deals Cars Cruises Things to Do Vacation Rentals Search Anything

Roundtrip One way Multiple destinations ?

Flying from Flying to

San Francisco, CA New York, NY

Departing Returning

06/20/2016 06/24/2016

Adults (18+) Children (0-17) Child 1 age Child 2 age

3 2 5 10

Airline age rules

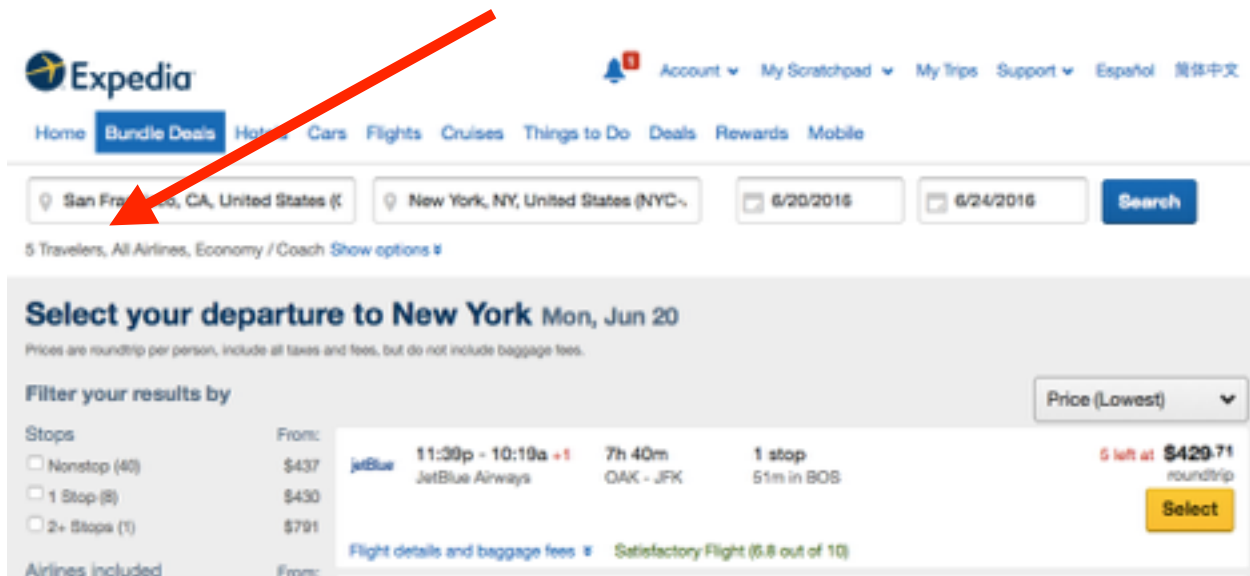
☐ Add a hotel ☒ Add a car

A car will be added to your search. You'll be able to customize your car choice later.

Search

- Click the Search button and make sure that the search result page is properly displayed, as shown below.

Check the status line to make sure that there are 5 Travelers.



The screenshot shows the Expedia website interface. At the top, the Expedia logo is on the left, and navigation links for Account, My Scratchpad, My Trips, Support, Español, and 简体中文 are on the right. Below the logo, a navigation bar includes Home, Bundle Deals, Hotels, Cars, Flights, Cruises, Things to Do, Deals, Rewards, and Mobile. The main search area has input fields for 'San Francisco, CA, United States (SFO)', 'New York, NY, United States (NYC)', departure date '6/20/2016', and return date '6/24/2016', followed by a 'Search' button. Below the search fields, a status line reads '5 Travelers, All Airlines, Economy / Coach Show options'. The search results section is titled 'Select your departure to New York Mon, Jun 20' and includes a note: 'Prices are roundtrip per person, include all taxes and fees, but do not include baggage fees.' On the left, a 'Filter your results by' section shows 'Stops' with options: Nonstop (40), 1 Stop (8), and 2+ Stops (1). Below this, 'Airlines included' is listed. On the right, a 'Price (Lowest)' dropdown menu is visible. The main results table shows a flight from JetBlue Airways, departing at 11:30p and arriving at 10:19a, with a duration of 7h 40m, 1 stop in BOS, and a price of \$429.71 roundtrip. A 'Select' button is next to the price. At the bottom of the table, there are links for 'Flight details and baggage fees' and a 'Satisfactory Flight (5.8 out of 10)' rating.

Expedia

Account My Scratchpad My Trips Support Español 简体中文

Home Bundle Deals Hotels Cars Flights Cruises Things to Do Deals Rewards Mobile

San Francisco, CA, United States (SFO) New York, NY, United States (NYC) 6/20/2016 6/24/2016 Search

5 Travelers, All Airlines, Economy / Coach Show options

Select your departure to New York Mon, Jun 20

Prices are roundtrip per person, include all taxes and fees, but do not include baggage fees.

Filter your results by

Stops

- ☐ Nonstop (40)
- ☐ 1 Stop (8)
- ☐ 2+ Stops (1)

Airlines included

From:

jetBlue	11:30p - 10:19a +1	7h 40m	1 stop	5 left at \$429.71 roundtrip
JetBlue Airways	OAK - JFK	51m in BOS		

Flight details and baggage fees Satisfactory Flight (5.8 out of 10)

Select