

### Assessment 3 - Introduction to Programming

Overview. The student has been hired by the tourism department of a little-known Caribbean island to develop a website to promote tourism. As a web consultant, you have been contracted to develop a website of five pages: a main page and four linked pages. The linked pages will highlight the island's accommodations, restaurants, activities and shopping (one topic per page).

The **main page** should include:

- the name (you choose) of the island over an attractive graphic/picture
- links styled with an unordered list (navbar) that goes to each of the other four pages
- the current date and time the page is loaded should be displayed in a div at the top right of the main page. (ex.: *It's time for a tropical vacation! The current time is 7:56:01 PM*)
- a button ("Your Tropical Vacation Value") that starts a function that has an accumulator to accumulate the total price of their vacation based on answers to prompts asking the user for the number of days and nights they plan to stay, the price/night of their hotel, and the amount per day they plan to spend on food and activities. The total should be displayed in a div.

The **accommodations** page should include:

- links to the other four pages
- a prompt asking the user to enter the desired hotel price per night that calls a function with an array that holds the name of five hotels, one in each price range.
  - under \$50
  - between \$50 and \$75
  - between \$75 and \$100
  - between \$100 and \$150
  - over \$150 per night
- a set of nested if-then-else statements that displays a recommend hotel for the desired price range. The results should be displayed in a div.

The **restaurant** page should include:

- links to the other four pages
- a set of 3 radio buttons so the user can choose between three types of restaurants. The picture and text describing the restaurant chosen should be

displayed in a div--for example:

- beachside and some pics
- formal and some pics
- pizza and some pics
- fast-food and some pics
- island cuisine and some pics
- family and some pics

The **activities** page should include:

- links to the other four pages
- an unordered list of three activities with two businesses to recommend for each activity; the list should be formatted within your style sheet
- button that starts a function that prompts the user **three times** for a number between 1 and 5 using a "for" loop; each number displays a pop-up window of a different tropical fish

The **shopping** page should include:

- links to the other four pages
- a switch-case set that holds the names of 3 stores (types: jewelry, souvenirs, clothing, fragrances, food, etc.)
- a prompt asking the user what type of shopping he/she wants, a recommended store should be displayed in a pop-up window.