

# BSc (Hons) in Information Technology

## Year 1

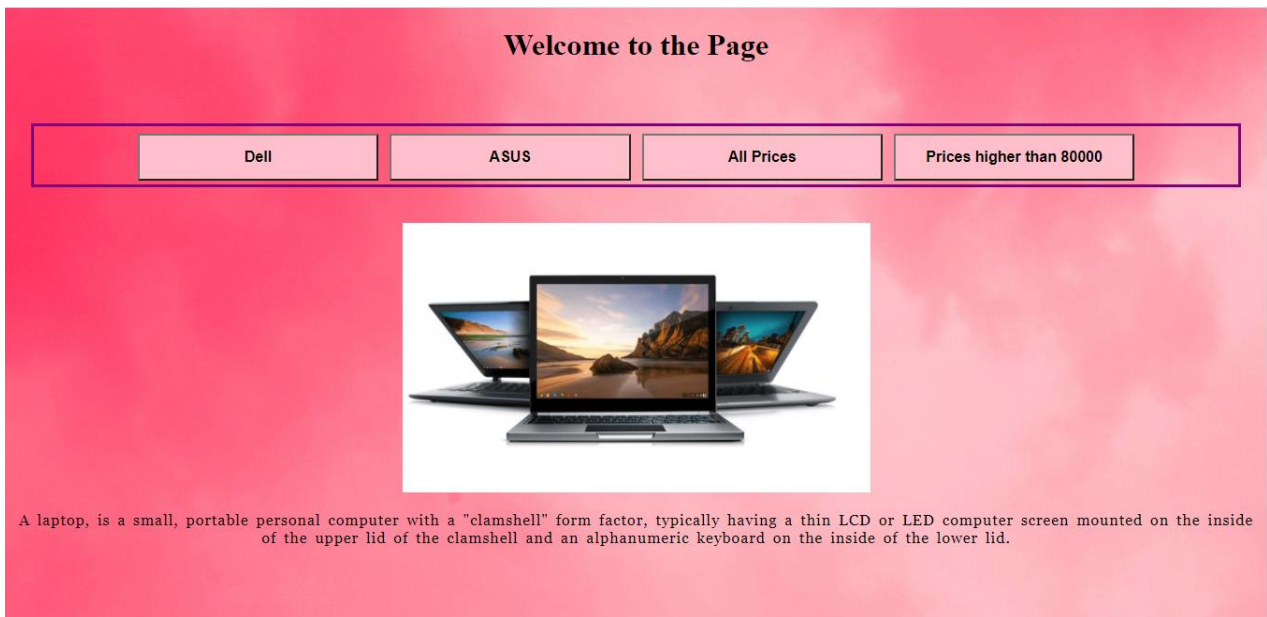
### Internet and Web Technologies – IT1100

## Tutorial 5 – JavaScript

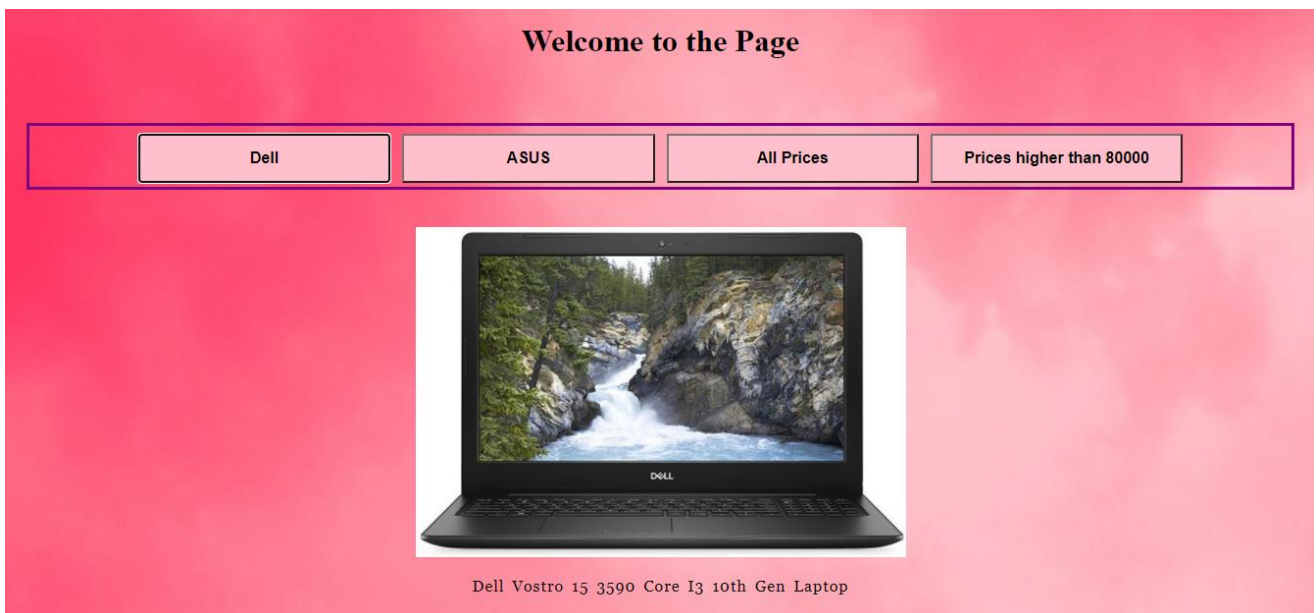
2020

- 1) Create the HTML and CSS scripts to get the below output.

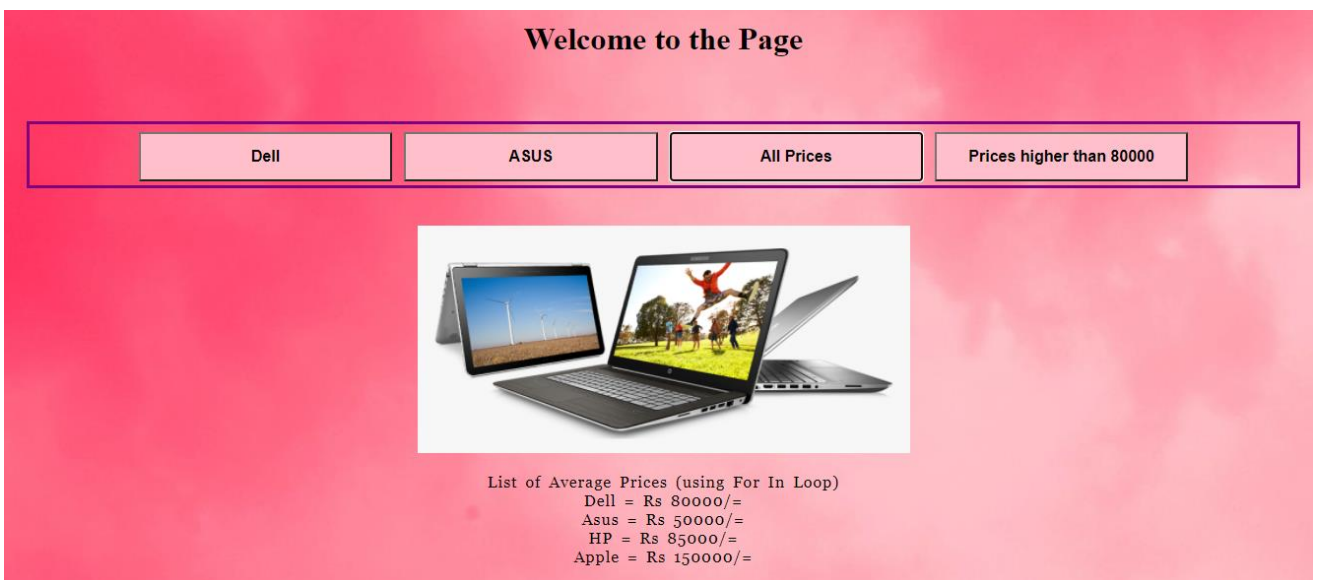
Note: No need of having the same images and paragraphs. Give unique ID s and names for each element.



- 2) When user clicks on the first button ("Dell"), the current image and the paragraph should be replaced with another image and a paragraph. Same should be done for the second button.

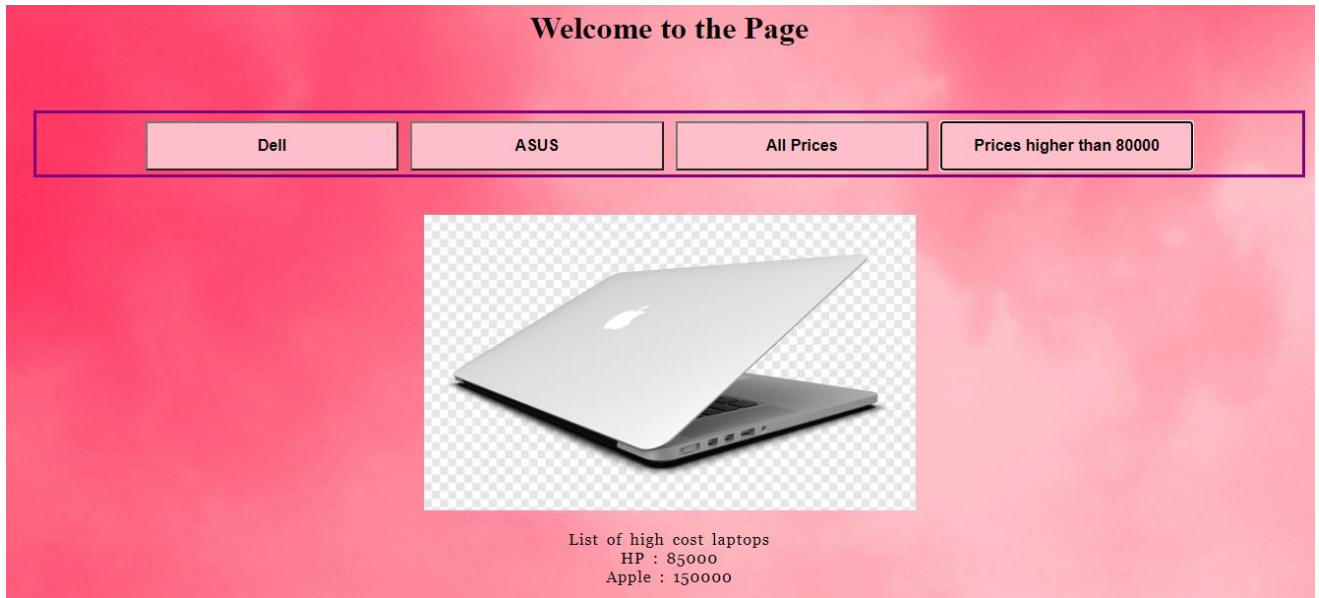


- a) Write a JS function called “**loadDetails**” and accept 1 parameter (which will be the button id) to it.
  - b) Implement the function to check the selected button and load the details (image and paragraph) according to that.
  - c) Call the function in the button tag to the “**onclick**” event of first two buttons (Dell and Asus). Pass the button ID as the parameter.
- 3) When user clicks on the third button (“All Prices”), the current image and the paragraph should be replaced with another image and list of prices.



- a) Write a JS function called “**priceForInLoop**” and create an array inside that.
  - b) Using a for-in () loop access the array items one by one and save them inside a list.
  - c) Replace the available paragraph with the list and image with a new image.
  - d) Call the function to the “All Prices” button.
- 4) When user clicks on the last button (“Price Higher than 80000”), the current image and the paragraph should be replaced with another image and list items and prices which are higher than 80000.
- a) Write a JS function called “**priceHigher**” and create an array inside that.

- b) Using a for-in () loop access the array items one by one and check the price using if() condition. Save the items which have the price higher than 80000 into a list.
- c) Replace the available paragraph with the list and image with a new image.
- d) Call the function to the “Prices higher than 80000” button.



- 5) What are global variables? How are these variables declared?
- 6) What is the difference between an alert box and a confirmation box?
- 7) Create a HTML form to collect user personal information (name, age, address, mobile, email etc.), working details (company name, designation, joined date and etc) and a submit button. Validate the user inputs using JS and display a message for successful submission. Design the form with proper CSS.