IFM2B10: Practical 2

Due Date: 17 August 2016, 10:00

A company approached you to develop the required JavaScript for their website. The website itself has been developed, so you only need to provide the required JavaScript file. The code should provide the following functionality:

- Limit the number of selected channel groups. The user should select two channel groups using the checkboxes in the form. Make use of JavaScript to enable and disable the checkboxes to make sure that the user will never select more than two options. Make sure that the user can still change the selected options.
- Once the user presses the "Place order" button, validate the provided information. Make sure that a name and surname have been entered. Make sure that at least one option is selected. Make sure that the duration is entered, is a number and that the number is in the correct range. If any of the input is not valid an error message should be displayed above the "Place order" button.
- If all the information on the form is valid, a summary of the information should replace the form. The summer should contain all the information in the form as well as the total cost. The total cost is calculated as R99 multiplied by the duration if the customer does not pay the amount upfront. However, if the customer pays upfront they qualify for a discount. If the duration is between 6 and 12 months the customer gets a 10% discount. If the duration is more than 12 months, a 20% discount is awarded. Indicate in the summary if the customer got a discount.

Make sure that you break up your code into logical functions.

Only provide the required JavaScript. You are not allowed to edit any other part of the webpage.

Description	Marks
Disabling checkboxes	20
Validating user input	20
Calculating cost	15
Displaying of summery	20
Use of functions	5
TOTAL	**80**

*Attendance is compulsory. If you do not attend your submission will not be marked. If you engage in the act of plagiarism you will receive 0. If you copy **both** parties will get a 0 mark.*