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| Institute of Technology Tralee  Client-Side Scripting  Value: 70%  Due Date: 1st May 2020 | LOGO2 |
| Corresponding to Department policy, for every day late your grade will be reduced by 20%. | |

Create a single page that calculates the cost of car insurance. Your screen should contain the following elements:

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| --- | --- | --- | --- |
| Question | Values or possible ranges | Cost | Type |
| Name | Not empty |  | Text Box |
| Age (enter your age) | < 25  >=25 <= 30  > 30 < 65  >65  Numeric | 500  350  200  500 | Text Box |
| Gender | M  F  Required | 400  250 | Radio Buttons |
| Telephone | Telephone format |  | Text Box |
| Policy Start Date \* | Make sure it’s a date in the future  Required |  | Text Box |
| Type of cover \* | Fully Comprehensive  Third Party Fire and theft  Required | 400  200 | List Box |
| Make | Pick at least 5 makes |  | List Box |
| Model | Filled automatically based on item selected in the make list box. Allocate a different value to each.  Required |  | List Box |
| Fuel Type | Diesel  Petrol  Hybrid  Required | 50  40  20 | List Box |
| Car Age | < 3  >3<6  >6<10  >10  Numeric | 100  70  50  20 | Text Box |
| Claims Free For \* | 1 year  2 years  3 years  4 years  >=5 years  Required | 100  80  60  40  20 | List box |
| Mileage per year | < 15000  >15000 < 25000  > 25000  Numeric | 30  40  50 | Text Box |
| Value of car \* | Numeric  Required | 10% value of car | Text Box |
| Security | None  Alarm  Immobiliser  Alarm & Immobiliser  Tracking device alarm & Immobiliser  Required | 100  70  50  30  10 | Radio |
| What is car being used for \* | Social Domestic and Pleasure  Class 1 Use  Required | 30  50 | Radio |
| Running total | Read only |  | Text box |

* At the bottom of the screen you have a calculate button which when clicked first validates to make sure there is a value for every element. It then gives you a summary **pop** **up** **page** of the insurance details you have entered and the price quote.
* Your page should also include “**help**”. This can be done via mouseovers or clicks, for example when the user moves the mouse over the label corresponding to a question some text may appear in an otherwise hidden textarea explaining the question. The controls marked with a \* need help.
* You also need to demonstrate 2 list boxes where the selection in the first populates the second (make and model maybe).
* There should be a visible timer on the page that gives the user 4 minutes to complete the form. After that a new page is loaded stating that your session expired with a link that allows the user to reload the form to start again.
* Your form should be properly formatted, aligned and intuitive to use. Marks will be allocated for this.
* Your code must include functions (pass values in), arrays and validation where appropriate.
* Where a value has been omitted on validation make sure the cursor moves to that element and the colour of the element is changed so it is evident to the user where the value is missing from.

Deliverables:

1. Create a folder called SurnameForename on the desktop.
2. All your files be saved in here.
3. Copy your folder to X:\lab\Semester 2 JS Drop Box.
4. Email [anne.obrien@staff.ittralee.ie](mailto:anne.obrien@staff.ittralee.ie) once you have uploaded your project by the due date specified above and I will respond accordingly.
5. IT IS YOUR RESPONSIBILITY TO MAKE SURE THE FILE IS UPLOADED CORRECTLY.

Any code taken from the web or elsewhere be it free or otherwise has to be referenced within the code, and any modifications made must be clearly marked. Failure to do this will result in a fail.

Text and images also need to be referenced if they are not your own material. These references can be made in the code via comments.