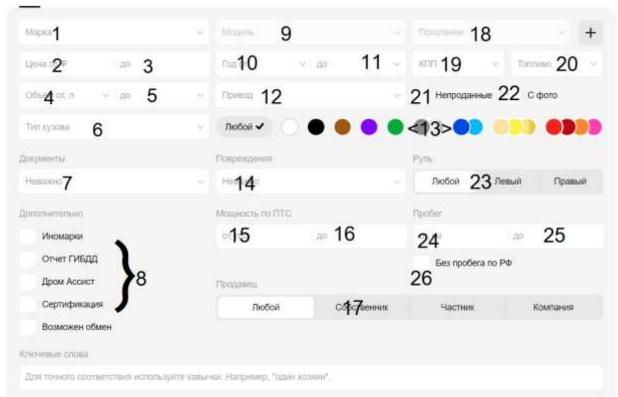# Task 1

• Go to https://auto.drom.ru/

• Go to advanced search, a search form will appear

• Take a screenshot of the form and label each element
what it is called. For example, checkbox, radio-button, etc.
The point of the assignment is that you need to know the names of
all the elements of the forms

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Element name	Number on the screenshot
Checkbox	8, 13, 21, 22, 26
Radio-button	17, 23
Single line input field	27 (keyword field)
Autocomplete	1, 9
Combobox	2, 3, 15, 16, 24, 25

"All", "Used cars", "New" - tabs (tabs)
"+" - allows you to add duplicate elements "Make", "Model" and
"Generation". Type - button
"Keywords" - one-line text field

Drop-down list (single selection) - 4, 5, 7, 10, 11, 12, 14, 20
Drop-down list (multiple selections) - 6, 18, 19
Normal search - removes some elements of the form. Type - button
Show - button type with CSS style
Any - reset button. Type - button

Task 2

https://auto.drom.ru/

• Analyse the form from the previous assignment and
write out the logic behind its operation. What are the dependencies
between the elements?
• Perhaps something is being reset when something else is selected.
something else. Maybe something appears when something else is
selected.
• You'll need to find and write out all such rules.
Take into consideration the button-link "Advanced search" too.
  The point of the assignment is to develop the ability to understand
the logic of the program's behavior without having the task
description in hand.

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1.   After selecting a value in the "Brand" field, the "Model" field
changes from locked to unlocked status
2.   After selecting a value in the "Model" field, the "Generation" field
changes from locked to unlocked state.
3.   When you click on the "Add brand, model selection row" button,
the fields "Brand", "Model" and "Generation" are added to the general
form.
4.   When entering inverse values in the "from" and "to" fields and
sending them further, these values are automatically swapped out.
5.   The "any" element is responsible for selecting all possible
colours. You can select any colour values, but some groups of colours
cannot be selected individually.
6.   When switching from the "CU" tab to the "New" tab, such
elements as: "Documents", "Mileage", "Steering wheel", "Damage",
"Seller". Also, only the "foreign cars" option remains in the "additional"
checkbox

7.   The "Reset all" element leads all elements on all tabs to the initial state, i.e. all changes made by the user are deleted.

8.   When the "Any" button is pressed, all the colours selected by the user up to that point are reset

9.   The "Foreign car" heading is active only if nothing is selected in the "Brand" field

Task 3

Create XML and JSON files that describe a list of
of countries with cities

• There should be 3-5 countries in the document, for them there should be the following data: name in Russian, name in
English, country code, currency code and a list of 2-3
cities of this country

• For each city it will be necessary to specify the name in
Russian, English and population

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(This task was done in files romanchik-ba.xml and romanchik-ba.json of this repository in the block "Other necessary stuff")