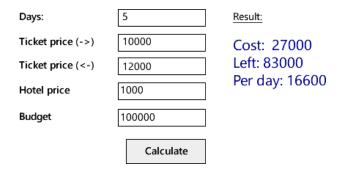# Laboratory work #2

- Create the following form and add it to web page from the laboratory work #1.
- Validate fields of the form when user clicks the button
- If there are some errors, show them to user

Variant	Picture of the structure
1	Travel cost calculator
2	Delivery form
3	Hotel reservation
4	Car maintenance record
5	Choosing seats in the cinema
6	Cart calculator

1. Travel cost calculator

Days:	5	Result:
Ticket price (->)	10000	Cost: 27000
Ticket price (<-)	12000	Left: 83000
Hotel price	1000	Per day: 16600
Budget	100000	
	Calculate	

User enters:

- Days (number from 1 to 60)
- Ticket price (->)
- Ticket price (<-)
- Hotel price (greater than zero)
- Budget (greater than zero)

After user click "Calculate" you need show the following:

- Cost = Days * Hotel price + Ticket price (->) + Ticket price (<-)
- Left = Budget - Cost
- Per day = Left / Days

2. Delivery form

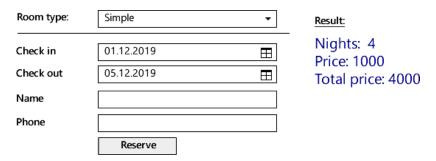| Type	○ pickup ○ courier	Result:
		Thank you for order!
Store address:	Studencheskaya, 42 ▾	
		You can pick up your order at the Studencheskaya, 42
City:		
Street address:		
Flat		- or -
Floor		
	Send	We will deliver the order to you soon

User enters:

- Type (if "pickup" is active fields "City", "Street address", "Flat", "Floor" should be hidden. If "courier" is active field "Store address" should be hidden)
- Store address (selection from the list)
- City, Street address are not-empty strings
- Flat is string, can be empty
- Floor – number (from 1 to 100)

After user have pressed button "Send"

- If type was "pickup" show the message "You can pick up your order at the *SELECTED ADDRESS*"
- If type was "courier" show the message "We will deliver the order to you soon"

3. Hotel reservation

User enters:

- select one of the following room types:
    - Simple (1000 per night)
    - Comfort (2000 per night)
    - Royal (123000 per night)
- Check in (input with type "date")
- Check out (input with type "date", selected date should be not less than check in date)
- Name: non-empty string
- Phone: non-empty string, can consists of only digits, spaces and plus sign

After user have pressed button "Reserve", you need show the following:

- Number of nights (or days) between check out and check in dates
- Price for one night (or day)
- Total price for selected period

4. Car maintenance record

Brand	BMW ▼	**Result:**
Model	F25 X3 ▼	Thank you! We are
Release year	2011	waiting for you
		on 01.12.2019 at 16:00
Date	01.12.2019 ⊞	
Time	16:00 ▼	
Phone		

Submit

User enters:

- Brand from the list. Available options: BMW, Renault, Lada
- Model from the list depending on selected brand:
    - For BMW: E53 X5, F25 X3, G07 X7
    - For Renault: Logan, Clio, Zoe, Duster
    - For Lada: Vesta, Granta, XRAY
- Release year – integer from 1920 to 2019
- Date - input with type "date"
- Time – list with the following options: 10:00, 11:00, 12:00, 13:00, 14:00, 15:00, 16:00, 17:00
- Phone: non-empty string, can consists of only digits, spaces and plus sign

After user have pressed button "Submit", show the message:

"Thank You! We are waiting for you on *DATE* at *TIME*"

5. Choosing seats in the cinema

Phone		**Result:**
Film	Star Wars: Episode XL ▼	You selected: 3-7
Seats	☐ ☐ ☑ ☑ ☑ ☑ ☑ ☐	Price: 100
	☐ ☐ ☐ ☐ ☐ ☐	Total sum: 500
	☐ ☐ ☐ ☐ ☐	

Buy

User enters:

- Phone: non-empty string, can consists of only digits, spaces and plus sign
- Film from the list:
    - Star Wars: Episode XL (price: 100)
    - X-Men: Wonder-Y (price: 90)
    - Mickey Mouse: Undead (price: 150)
- Range of the seats. Seats are presented as checkboxes. User can select only continuous range of seats.

After user have pressed button "Buy", show:

- Selected range of seats (numbering starts from the upper left corner)

- Price of one seat
- Total price for all selected seats

6. Cart calculator

User select one of the following products:

- Carrot ($2)
- Potato ($3)
- Fish ($10)
- Meat ($13)
- Eggs ($6)

After user have selected some products, it should appear after combobox with input for entering the number (from 1 to 100) and "Remove" button. Remove button should delete row with a product

After user have pressed "Calculate" button, show total sum of selected products (sum of price * number)

Report:

- Your task
- Your code
- Screenshots