



## School of Applied Sciences And Technology

### CMPE2000 - ICA05 - Forming a Grid

In this exercise you will implement a simple nested Grid, standard form elements and the CSS selectors that go with them. Standing ICA rules apply ( ie. Home link ).

The mobile layout is shown. This will define the order of your containers. This is defined by a single column grid layout. Each form control is in its own container.

[https://thor.cnt.sast.ca/~demo/cmpe2000/ica05\\_formtest.php](https://thor.cnt.sast.ca/~demo/cmpe2000/ica05_formtest.php)

You shall create a form with post action to our test script

Form elements will include :

- hidden field
  - called hidden value
  - value set to "your name"
- text field
  - called "username"
  - allowing up to 16 characters
  - placeholder as shown, required
- password field
  - called pin
  - allowing up to 6 characters
  - placeholder as shown
- range field
  - called byte value
  - from 0 - 128
- date field
  - called date value
  - set value to Sep 09 1967
- color field
  - called color value
  - set value to #ABCDEF
- a fieldset\* with legend as shown, holding labeled radio buttons
  - text/value pairs for buttons are :
    - Planes/Aircraft
    - Trains/Railway
    - Automobiles/Car
- select control
  - named science\_fiction, with text/value pairs :
    - Really Old / Metropolis
    - Old / Star Trek
    - Kinda Old / Star Wars
    - Recent / Dune
- checkbox
  - called acknowledge
- A reset button and submit button as shown

Ica04 - CSS Grid Forms

Username :  
your username

Pin :  
your pin

Byte Value :  
[Slider]

Best Date : 09-Sep-1967 [Calendar Icon]

Best Color : [Color Picker]

Preferred Travel :  
☐ Planes  
☐ Trains  
☐ Automobiles

Choice of Sci-Fi : Kinda Old

Acknowledge Use : ☒

Reset Form

Test Submission

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- Image shown indicates default/reset state of the form - it should look like that on first load.

The desktop layout is shown above. Nesting Grids makes this layout easy. The main page is 3 columns defined as 1-6-1.. The header and footer span all 3 columns. The middle row has a nested grid defined on its form element. The form is a 3 column grid, add your containers within this form.

Use a grid-gap of 50px for both axis in your form grid.

You must use class css selectors for using grid-column to set the full width spanning for header, footer and your submit/reset button divs.

Styling must be done with your external CSS where all text is of a larger size, input elements also reflect a bold attribute,, the droplist background should be yellow.. The desktop layout uses a background-image for the side filler containers, which are not displayed in mobile mode.

Note :

\* labeled means label elements correctly bound the control allowing the user to click the label and obtain selection action

## ICA04 - Validator

Post Parameters		
Name	Value	Status
hidden_value	your_name	Correct
username	Luke	Ok
pin	123456	Ok
byte_value	235	Ok
date_value	1967-09-09	Ok
color_value	#abcdef	Ok
travel	Car	Ok
science_fiction	The Martian	Ok
acknowledge	on	Ok

Rubric :

15	Mobile/Desktop Grid and layout work properly.
15	Styling done appropriately as specified for all elements
70	Form correct - Reset works, and form submit indicates success with test script