→ HTML FORMS → Collect → user I/p →(Most often)→ Sent → server for → processing

⟨input⟩

→ Create HTML form $'s users
→ Different types of I/p ← Contai ⟨form⟩ ⟨form⟩ ⟨form⟩
→ It → Most used form element
→ Display → many ways → depend → type
                                          ↳ attribute

default → ① Text Field   5⟩ Reset   10⟩ Number   15⟩ Week
          2⟩ Radio   6⟩ Hidden   11⟩ Password   16⟩ Time
          3⟩ CheckBox   7⟩ Color   12⟩ Search   ge
          4⟩ Submit   8⟩ Date   13⟩ Url   17⟩ Email
                                9⟩ DateTime-Local 14⟩ File   all
          19⟩ Time   21⟩ Range   12⟩ Month
          20⟩ Button 22⟩ Telephone

⟨label⟩

→ define → label → for → form
                      many   elements
→ Useful → Screen Readers → read out
                    ↑ because   loud label
        I/p ← of focuses ← ↓ ← when
      element   user

→ helps → ↓ → who have → difficulty click
            user   ↓
        regions ← Small ← very ← on

eg: Radio/CheckBox ∧ user → click → Text
         ↳ toggle ← ⟨label⟩ ← within   ↓

for attribute   for = id → ⟨input⟩ ; Bind them   together
     ↓
  ⟨label⟩

Input — Radio — Select - limited No of choice ⊙
      — checkBox — Select - 0 0r more — 11 —   ☑

Submit   Button → for ∩ Submit ∩ Form to → Form
Button   ↓   Data   Handler
  &   action ← In ← specified   ↓
Form Handler   attribute   is
            I/p Data ← Processing ← script ← with ← file
                         for   on
                                                       server

25 ☞ FORM ATTRIBUTES

Name ☞ attribute — If → omit → value of ⅓ field — not sent at all

☞ Action attribute — define → Action → to perform — when → form & Submitted

FormData → Sent → File — when ☞ (FD) on Server

eg "FD → sent
↳ Ryz·x (file) → contains → Server side script
⊖ form data handles

Submit ← Checks

☞ Target Attribute — Specify
Where → display → response — after
↓
form ← Submit

Values — blank → New Window/tab
↳ -self → current window
Default — -parent → Parent frame
- top → Full Body of window
framename → Named iFrame.

☞ Method attribute — Specifies HTTP Method → used ← when
↓
Default [get] URL Variables ← Sent → form ← Submit
↓ data
[POST] HTTP Post Transaction
GET POST
☞ Not secure ☞ Secure
☞ Append form data to URL (name-value pair) ☞ Append → inside → body
HTTP Request

→ Autocomplete attribute
Specifies → form should have

On → Browser
↓
auto → Complete values → based on values
by ← before ← entered
user

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→ Novalidate attribute — → Boolean Attribute
→ Specify → form → not → when submit
data validate

FORM ELEMENTS →
☞ <form> { } of

☞ <select>

☞ <option>

<input> <select> <datalist>
<label> <button> <output>
<textarea> <legend> <option>
<fieldset> <optgroup> (?)

☞ → defines DropDownList.

Defines option to be selected. By
default
Selected ← drop ← 1st ←
down item

Pre Selected option → Add → attribute
↓
option ← to selected

Use ☞ attribute
Size → Specify → No → Visible values
multiple → allow → { } to Select → More than 1 value

☞ <textarea> — defines → Multiline
↳ i/p field

rows → specify visible no of lines in text area
attribute

cols → specifies visible width of
attribute

☞ <button> — define Clickable. Inside this you can put ~~text~~ content
Button

type → Always specify for <button>
attribute
→ to tell browser what type
of button is.

⌐→ <button>

Values <button ──── submit
              ── reset

⌐→ <fieldset>   It → used to → group related data in form

<legend>   Defines caption for <fieldset>
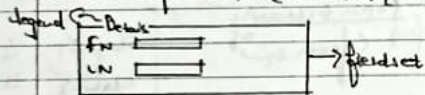
legend ┌ Details ─
        FN ☐
        LN ☐   → fieldset

⌐→ <datalist>   Specifies → list → pre
                      defined → <input>
                         options
              ↑ → Sel → dropdown of ┐.
Users   list   ↑→ as → they   I/p Data

    list → <input> → refer → id → <datalist>
    attribute

⌐→ <output>   → Represent → Result of calculation
                              (perform → script)

<body>
<script>   <form output = "add()" >
function add(){   o
var a = document.   <input type = "range" id="a" name="a"
     getById("a");   value = "50">
var a = document.getById("a"); 100
var b = document.getById("b"); +
                            <input type = "number" id="b" name="b"
x.value =   value = "50">
parseInt(a.value) +   =
3 parseInt(b.value)   <output name="x" id="x">
</script>

                           </form>

↱ Input types   refer also pg no (54)

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2020

1) <input type="text"> Single Live Text S/p
                              field

FN: [Aa12]

Week 09 | 059-307

28
Friday

2) <input type = "password">
                    ↱ shown in
p [─────] ← character   Asterisk Code

3) <input type = "submit"> ✓   default values

4) <input type = "reset"> Reset all form values to their

5) <input type = "radio"> Radio Button

6) <input type = "checkbox"> Checkbox

7) <input type = "button"> Button

8) <input type = "color"> Color Picker

9) <input type ⌐ date   ─────→
                ↳ date time - local
                ↳ month
                ↳ time
                ↳ week
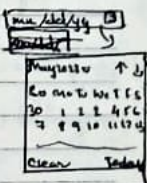
b) <Input type = "email">

Email → Auto → when → submitted
        Validated

FEBRUARY   2020
Su Mo Tu We Th Fr Sa
          1
2 3 4 5 6 7 8
9 10 11 12 13 14 15
16 17 18 19 20 21 22
23 24 25 26 27 28 29

Doubt?

11) <input type = "image"> define Image as Submit Button

                Sends {X,Y} coordinates of click → activated
                                                        image
                                                        button
12) <Input type = "file">   [Choose file] No file chosen

13) <input type = "hidden"> Hidden yp field → Not visible to
                                                  user

14) <input type = "number"> No field

15) <input type = "range"> (→ Default → 0 to 100
                           (→ Slider control   → Text
16) <input type = "search"> ↳ Behaves like regular file
17) <Input type = "tel">

→ INPUT ATTRIBUTES

29 Saturday
060-306 | Week 09

→ **Value** → Specifies → initial value for I/p field.

→ **readonly** → Specifies → I/p field → readonly
- cannot modify ↑
- Copy Text from it ← Custom → but can
- Highlight it

→ Value sent when → form submit

→ **disabled**
- → Value not sent when → form submit
- → Specify → I/p field → disabled
- Unusable Unclickable

→ **Size** (pg 56)
- Specifies → visible width → in characters of I/p field
- Default Value → 20
- Works for → Text → Tel → Email → Search → url → Password
- eg: FN ☐ LN ☐

→ **maxlength** Specify → max → no of char → allowed in I/p field.
- eg: PIN ☐1234
- If value = "4" → only 4 or les

01 Sunday

→ **min & max** Specify → min max } values for I/p field

→ **multiple** Specify → ? → allow → to enter → more than → 1 value of

→ **pattern** Specify → Regular Exp → I/p field value checked against → form → when submitted

→ **required** Specify → I/p field → must → full out → when submitted → form

→ **placeholder** Specify → Short hint → descibed → expected value I/p of field

02 Monday
Week 10 | 082-304

→ **step** Specify → legal → no for I/p field. → intervals
- eg: If step = "3" legal no. → -3, 0, 3, 6...

→ **autofocus** Specify → I/p field → should auto → get focus loads → page ← when

→ **height / width** Specify ⌐height ⌐ width ⌐ → <input type="image">

→ **list** Pg 57

→ **autocomplete** Pg 56

→ **FORM ATTRIBUTES**

→ **form** → Specifies form → <input> belongs to
- Value = Id → <form> {it belongs to}

→ **formaction**

→ **formenctype** → how form data should be encoded

(Method = "post") Submit ← when tied

→ **formmethod** → **novalidate**

→ **formtarget** → **formnovalidate**

RW.	
Size	text, search, tel, url, email, password
min max	number, range, date, datetime-local, month, time, week
multiple	email, file
pattern	text, date, search, url, tel, email, password
placeholder	text, search, url, tel, email, password
required	

MARCH 2020
Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				