

HTML Introduction ,Basic Tags

## **Section 1 Assignments (HTML,CSS)**

1. Write a HTML Programme to create following using basic html Tags .

# Hello World!

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## To Do

Buy some cookies

### Varieties of Roses



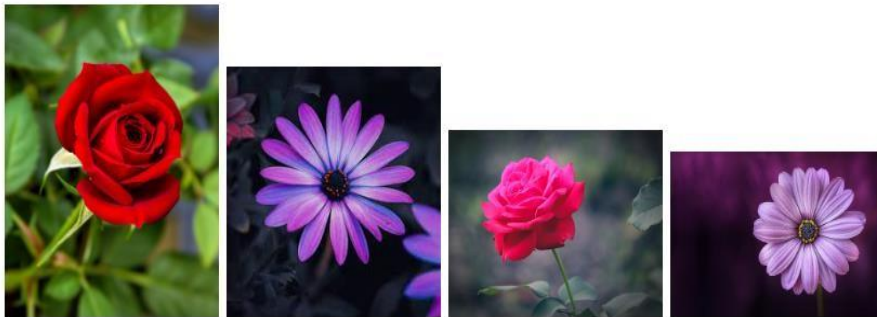
[Google Search](#) [Read More](#)

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**Note:** Spaces between words should be replaced by %20 to ensure that the browser will display the text correctly.

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## Roses



Roses are considered as timeless gifts of love. They make special occasions memorable with their presence and their lingering fragrance.

Roses are considered as one of the best gifting options for expressing love, admiration, joy and other innate human emotions.

Roses are one of the oldest flowers on earth.

Roses are edible.

Roses are a staple ingredient of the perfume industry.

Rose is the national flower of several countries.

Roses vary in prices.

Rose is popular as a name worldwide.

Rose has thousands of varieties.

2. Create Paragraphes , Hyperlinks ,use Image as hyperlink , Navigate inside page – using Jump link on (Read More).

## Cake's Unordered List

- Chocolate Cake
  - Black Forest Cake
  - Pineapple Cake
- 

## Cake's Nested Unordered List

- Chocolate Cake
    - Chocolate Velvet Cake
    - Chocolate Lava Cake
  - Black Forest Cake
  - Pineapple Cake
- 

## HTML Ordered List

1. Fasten your seatbelt
  2. Starts the car's engine
  3. Look around and go
- 

## HTML Nested Ordered List

1. Fasten your seatbelt
2. Starts the car's engine
3. Look around and go
  1. Check the blind spot
  2. Check surrounding for safety

## Nested List

- I. Background Skills
  - A. Unix Commands
  - B. Vim Text Editors
- II. HTML
  - A. Minimal Page
  - B. Headings
  - C. Elements
  - D. Lists
    - i. Unordered
    - ii. Ordered
    - iii. Definition
    - iv. Nested
  - E. Links
    - i. Absolute
    - ii. Relative
  - F. Images
- III. CSS
  - A. Anatomy
  - B. Basic Selectors
    - i. Element
    - ii. Class
    - iii. ID
    - iv. Group
  - C. The DOM
  - D. Advanced Selectors
  - E. Box Model
- IV. Programming
  - A. Python
  - B. JavaScript
- V. Database
  - A. Flat File
  - B. Relational

6. Create the following using Division tag And Style it Using **Internal CSS**.

## What a Software Developer , Software Engineer and a Web Designer Do ?

### Software Developers

Software developers create the computer applications that allow users to do specific tasks and the underlying systems that run the devices or control networks. Software quality assurance analysts and testers design and execute software tests to identify problems and learn how the software works.

### Software Developers

Computer science is the most common degree that software developers choose when starting their career. When you get a degree in computer science, you will primarily study the exact skills that you will use on a daily basis as a developer.

### Software Engineer

A software engineer is a person who applies the principles of software engineering to design, develop, maintain, test, and evaluate computer software. The term programmer is sometimes used as a synonym, but may also lack connotations of engineering education or skills.

### Software Engineer

Software engineering is the branch of computer science that deals with the design, development, testing, and maintenance of software applications. Software engineers apply engineering principles and knowledge of programming languages to build software solutions for end users.

### Web Design

Web design encompasses many different skills and disciplines in the production and maintenance of websites. The different areas of web design include web graphic design; user interface design; authoring, including standardised code and

### Web Design

Web designers plan, create and code internet sites and web pages, many of which combine text with sounds, pictures, graphics and video clips. A web designer is responsible for creating the design and layout of a website or web pages. It and can mean working on a brand new website or updating an already existing site.

7. Create tables Using Rowspan and ColSpan:

(a)

## Example of Table Rowspan

<b>Users Info</b>	1	John Carter	johncarter@mail.com
	2	Peter Parker	peterparker@mail.com
	3	John Rambo	johnrambo@mail.com

(b)

## Example of Table Colspan

Users Info		
1	John Carter	johnncarter@mail.com
2	Peter Parker	peterparker@mail.com
3	John Rambo	johnrambo@mail.com

8. Create Html Table :

(a)

Advanced HTML tag for Table using thead,tbody and tfoot

Purchase order:987654321		Tutorialbrain - 10th Oct 2020	
<b>Vendor:</b> ABC XYZ ltd. DUMMY STREET BUILDING 123 HAZARIBAGH, JHARKHAND, 825301		<b>SHIP TO:</b> MS DHONI WILSON GARDEN SOUTHEAST BLOCK, RANCHI - 834001	
Qty.	Item Code.	Description	Unit Price
100	IABCDE	Pencils	20.00
1000	IN877	Notebooks	100.00
500	IP8675	Pens	70.00
Subtotal			190.00
GST		5%	9.50
Grand Total			\$ 199.50

(b)

Employee Timecard			
Day	Regular	Overtime	Total
Monday	8	0	8
Tuesday	8	2.5	10.5
Wednesday	8	0	8
Thursday	8	0	8
Friday	8	0	8
Saturday	0	5	5
Sunday	0	1	1
Total weekly hours:	40	8.5	48.5

(c)

Country	Capital	Language
India	New Delhi	Hindi
France	Paris	French
New Zealand	Wellington	English



(d)

## my school timetable

day	session1	break	session2	break	session3
	10:45 am	11:15 am to 12:15 pm	12:15 pm	1:45 pm to 5:00 pm	5:00 pm
Monday	French or Computr	lunch	English	rest	html
tuesday	s.st		hindi		
wednesday	maths		gk/v.ed or French		

(e)

Time-Table				
Days	1	2	L U N C H	3
Monday	English	Social Science		Sanskrit
Wednesday	Maths	G.K		English
Friday	Science	Hindi		Computer

(f)

Exercise 4: Periodic table using table tag:

The Periodic Table																	
1 H																	2 He
3 Li	4 Be											5 B	6 C	7 N	8 O	9 F	10 Ne
11 Na	12 Mg											13 Al	14 Si	15 P	16 S	17 Cl	18 Ar
19 K	20 Ca	21 Sc	22 Ti	23 V	24 Cr	25 Mn	26 Fe	27 Co	28 Ni	29 Cu	30 Zn	31 Ga	32 Ge	33 As	34 Se	35 Br	36 Kr
37 Rb	38 Sr	39 Y	40 Zr	41 Nb	42 Mo	43 Tc	44 Ru	45 Rh	46 Pd	47 Ag	48 Cd	49 In	50 Sn	51 Sb	52 Te	53 I	54 Xe
55 Cs	56 Ba	57-71	72 Hf	73 Ta	74 W	75 Re	76 Os	77 Ir	78 Pt	79 Au	80 Hg	81 Tl	82 Pb	83 Bi	84 Po	85 At	86 Rn
87 Fr	88 Ra	89-103	104 Rf	105 Db	106 Sg	107 Bh	108 Hs	109 Mt	110 Ds	111 Rg	112 Cn	113 Nh	114 Fl	115 Mc	116 Lv	117 Ts	118 Og
		57 La	58 Ce	59 Pr	60 Nd	61 Pm	62 Sm	63 Eu	64 Gd	65 Tb	66 Dy	67 Ho	68 Er	69 Tm	70 Yb	71 Lu	
		89 Ac	90 Th	91 Pa	92 U	93 Np	94 Pu	95 Am	96 Cm	97 Bk	98 Cf	99 Es	100 Fm	101 Md	102 No	103 Lr	

(g)

TIME TABLE

Day/Period	I 9:30-10:20	II 10:20-11:10	III 12:00-12:40	12:00-12:40	IV 12:40-1:30	V 1:30-2:20	VI 2:20-3:10	VII 3:10-4:00	
Monday	Eng	Mat	Che	LUNCH	LAB			Phy	
Tuesday	LAB				Eng	Che	Mat	SPORTS	
Wednesday	Mat	Phy	Eng		Che	LIBRARY			
Thursday	Phy	Eng	Che		LAB			Mat	
Friday	Phy	Eng	Che		LAB			Mat	

(h)

Country	State	City	Street	Male	Female	Others
1	Kerala	Cochin	New Street	500	600	6
			Main Street	300	288	2
		Trivandrum	Guru Street	500	600	10
			TVK Street	500	600	2
	Maharastra	Mumbai	Krishna Street	700	850	1
			Main Street	500	600	2
		Surath	New Street	500	600	4
			Billa Street	500	600	2
2	Alaska	AKA Central	New Street	200	210	2
			Cross Street	1000	1050	10

(i)

Example 3: Website layout using table tag:

My Website Heading	
<b>Main Menu</b> Html CSS JavaScript	Technical and managerial tutorial
© Copyright 2007, All Right Reserved.	

(j) Create table With Check-Boxes

(a)

**Select all of the beverages you consume during the following meal times.**

	water	juice	soda	coffee	tea
breakfast	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
lunch	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
dinner	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

(b)

<p>What Type Of Movies Do You Like?</p> <div><input type="checkbox"/> Comedy <input type="checkbox"/> Action <input type="checkbox"/> Science Fiction <input type="checkbox"/> Romance <input type="checkbox"/> Animation</div> <div>Selected Movies</div>	<p>And Your Favourite Is?</p> <div><input type="radio"/> Comedy <input type="radio"/> Action <input type="radio"/> Science Fiction <input type="radio"/> Romance <input type="radio"/> Animation</div> <div>Favourite Movie</div>
--	---

(c)

## Select Your Hobbies:

*InfoTuts*

- ☐ Playing
- ☐ Coding.
- ☐ Reading
- ☐ Hacking
- ☐ Sleeping

**Submit**

## 9.Create Simple Appointment From using **inline CSS**

Details:

First name:

John

Last name:

Doe

Gender:

☐ Female

☒ Male

☐ Other

Email:

Appointment:

dd / mm / yyyy

Submit

(b)

Registration Form	
Student Name	<input type="text"/>
Father's Name	<input type="text"/>
Mother's Name	<input type="text"/>
Date of Birth	<input type="text"/>
Gender	<input type="checkbox"/> Male <input type="checkbox"/> Female
Email ID	<input type="text"/>
Mobile No.	<input type="text"/>
Address	<div> <input type="text"/> </div>
State	<input type="text"/>
City	<input type="text"/>

(c)

## Registration Form

First Name :

Last Name :

Username :

Password :

Email :

Mobile No :

City:

Select ▼

Register

[Back to Home](#)

(d)

Enter name

Enter Password

submit

(e) Form with Radio buttons

What would you like to drink?

☒ Coffee

☐ Tea

☐ Soda

test

(f)

## Newsletter

Subscribe using the form below.

Name \*

Your name

Email \*

Your email address

SUBSCRIBE



10. Create Html Form for College/School registration using **External CSS**

(a)

# XYZ College/School

## Student Registration Form

Student Image:

Browse... ...

(less than 5 Mb)

Student Name:

Full Name

Father's Name:

Father's Full Name

Mother's Name:

Mother's Full Name

Gender:

Male

☐

Female

☐

Other

☐

Date of Birth

dd / mm / yyyy

E-mail:

email@xyz.com

Level:

High School ▾

Department:

Electrical Engineering ▾

Tel/Mobile:

xxx xxx xxxx

(b)

APPLICATION FORM

Personal Details

Applicant's full name	<div>--Select--</div>	Care Of	Parents <input checked="" type="radio"/> Guardian <input type="radio"/>
Father's Name	<div>Mr.</div>	Mother's Name	<div>Mrs.</div>
Gender	Male <input type="radio"/> Female <input type="radio"/> Others <input type="radio"/>	Date of Birth	<div>dd-mm-yyyy</div>
Marital Status	<div>--Select--</div>	Category	<div>--Select--</div>
Handicapped	No <input checked="" type="radio"/> Yes <input type="radio"/>	Ex-Serviceman	No <input checked="" type="radio"/> Yes <input type="radio"/>
EWS	No <input checked="" type="radio"/> Yes <input type="radio"/>	Religion	<div>--Select--</div>

Contact Details

Mobile Number		Email ID	
Address Line 1		Address Line 2	
City		State	<div>--Select--</div>
Pin Code			

Qualification Details

Sr No.	Qualification	Board/University	Passing Year	Max Marks	Marks Obtain	Percentage
1	<div>--Select--</div>					
2	<div>--Select--</div>					
3	<div>--Select--</div>					
4	<div>--Select--</div>					

Language Knowledge

Language	Reading	Writing	Spoken
Hindi	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
English	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Urdu	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Identification Details

Aadhar Card Number		PAN Card Number	
Upload Photo	<div>Choose File</div> No file chosen	Upload Signature	<div>Choose File</div> No file chosen

Submit

Back

(c)

# Dado Tea Lunch Special

Monday through Friday

11am — 3pm

\$9.95 plus tax

Includes sandwich, snack, and drink.

## Order Information

**Name**

☐ Here

☐ To Go

## Sandwiches

**Monday**

☐ Tomato Mozzarella

☐ Chicken Salad

**Tuesday**

☐ Greek Salad Wrap

☐ Toto Wrap

**Wednesday**

☐ Red Pepper Hummus

☐ Roasted Turkey

**Thursday**

☐ Carrot-Ginger Hummus Wrap

☐ Egg Salad

**Friday**

☐ Dado Wrap

☐ Tuna Salad

☐ Gluten Free Bread (75¢ extra)

## Snack

**Snacks**

☐ Apple

☐ Banana

☐ Potato Chips

## Drink

**Drinks**

Hot Black Tea - Keemun



☐ Large drink (75¢ extra)

Place Order

11. Create the following using Box-Modal property :


(a)

# Facts About India

A Lake Formed By Meteor.  
One Of The Oldest Cities.  
Land Of Many 'Firsts'.  
Anti-Gravity Hills.  
World's Only Floating Post Office.  
Voting Booth For Just ONE Voter.  
Home To The Wettest Place On Earth.  
A Village Without Doors.

(b)


## ELECTRONICS



Exclusive Mobile  
**Starting @ Rs.899**

Shop Now


Mobile



Juicer Mixer Grinders  
**Under Rs.1,499**

Shop Now


Mixer



Windows Laptops  
**Upto 45% Off**

Shop Now


Laptop



Air Conditioner Store  
**Starting @ Rs.17,990**

Shop Now


Air Conditioner



4G Mobile Phones  
**Upto 60% Off + Extra 5% Off**

Shop Now

4G Phone



Automotive Bestsellers  
**Starting @ Rs.55**

Automotive

(c)



12. Create the following using **Display -Block** property.

# National Flag of India

## Meaning of National Flag

The saffron color of the flag indicates a symbol of courage and sacrifice. This is also known as Bhagwa color. It's for renunciation . It represents fire.

The white color of our flag represents honesty, peace, purity. It focus on importance of maintaining peace in the country.



The green color represents faith and chivalry. It's for nature. It is a symbol of prosperity and life. It also used for representing auspiciousness of the Indian Motherland..



# Create Custom Checkboxes and Radio Buttons

## Custom Checkboxes

☒ HTML

☐ CSS

## Custom Radio Buttons

☒ Male

☐ Female

13. Create the following using float property - Floating Left and Right  
(a)

The span adds float:right to move itself to the right of this paragraph. If the length of the paragraph will be more, then the content of the paragraph will go down & will continue further as normal flow.

The float is right.

### Image floats to the right

The image property uses float:right to move to the right of this paragraph & the content of the paragraph wraps around this image.



(b)

## Floating Multiple Elements



The Image will automatically shift to left by using this property...

(c)

[Home](#) | [Course](#) | [About](#) | [Contact](#) | [Gallery](#)

## Home Page



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## Home Page Subheading

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