

Lab No

Practical

1

Practice given basic HTML tags.

1. Html, Body, Head, Title, Br, Hr, Header, P, Strong, Small Caption, Doctype.(A)

2. Address, B, U, I, Blockquote, Marquee, Link.(B)

3. Meta ,Table.(C)

2

Demonstrate special html control like.

1. Anchor tag, Image control.(A)

2. Iframe tag.(B)

3. List controls(C)

3

Make the table of the following design using HTML.

Part : A

FullName	Email	Mobile Number	City
Yash Patel	yash_patel@gmail.com	8787989811	Rajkot
Keyur Tanna	keyur1441@rediffmail.com	8874123210	Ahmedabad
Harsh Panchal	harsh_panchal@yahoo.com	9855621232	Surat
Jigar Makadiya	jmakadiya@gmail.com	7874636211	Baroda

Department	1st Year		2nd Year		3rd Year		4th Year	
	First Sem	Second Sem	Third Sem	Fourth Sem	Fifth Sem	Sixth Sem	Seventh Sem	Eighth Sem
Computer Engineering	CPU	WS	COA	OS	DAA	SE	CC	DS
	EG	ECE	DLD	DBMS	CN	WAD	CD	PP
Information Technology	CS	EME	BIS	OOAD	COSAM	SP	ERP	ACN
	Calculus	EEE	BE	SAD	SEMINAR	IS	MC	AI

Part : B

Batatas	Couves	Alhos	Cebolas
Nabos		Alface	

Part : C

**Subject:** 2301CS202 – Web Designing

A				D		E	
				F		G	
				H		I	
B				J		K	
C				L			
SL	Items	Due Dt	Qty	Rate	Per	Dis%	Amt
AMT IN WORD						E. & O.E	
COMPANY NAME							

4 **Design a web page having given forms with HTML5 validation**

**Part : A**

**Student Registration**

FullName

Email

Mobile No

Address

Nationality

Date Of Birth

Gender ☐ Male ☐ Female

Highest Degree

CPI

University

Passing Year

**COVID-19 Vaccine Registration Form**

First Name

Last Name

Aadhar Number

Vaccine Name

Vaccination Center Name

Date of Dose

Dose Number

**Part : B**

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## Employee Registration

### Personal Information

Employee Id :  Employee Name :   
Email :  Contact No :   
Marital Status : ☐ Single ☐ Married

### Education Qualification

Education :  Experience :

### Job Details

Designation :  Job location :   
Salary :

## Part : C

### Create Account

First name \*

enter your first name

Last name

enter your last name

Email\*

enter your email

Password \*

enter your password

Confirm Password \*

enter your password again

Gender:

☐ Male ☐ Female

Hobbies

☐ Music ☐ Sports ☐ Travel ☐ Movies

Source of Income

Employed

Income

20K

Upload Profile Picture

Choose File

No file chosen

Age

18

Bio

Create

**5 Design given web pages using List tags, Audio tag, Video tag**

**Part : A**

**1) List tags**

**Concept of WWW**

- It stands for World Wide Web.
- It is basically a system of internet servers that support specially formatted documents.
- It is a collection of text pages, videos, digital photographs and animations we can access over the internet.
- User access the World Wide Web facilities via client called a web browser.

**HTTP Protocol**

- HTTP stands for Hypertext Transfer Protocol.
- HTTP is based on the client-server architecture model and a stateless request/response protocol
- 404 File Not Found is a common HTTP status code.

**BCA Sem-2 Subject List**

HTML  
HyperText Markup Language  
CSS  
Cascading Style Sheet  
DBMS  
Database Management System

**2) Audio tag**

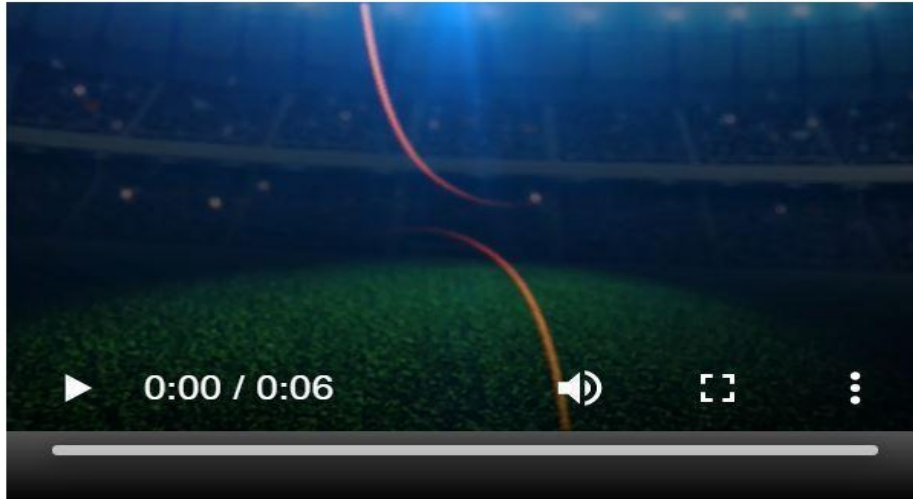
**HTML Audio Element**



**3) Video tag**

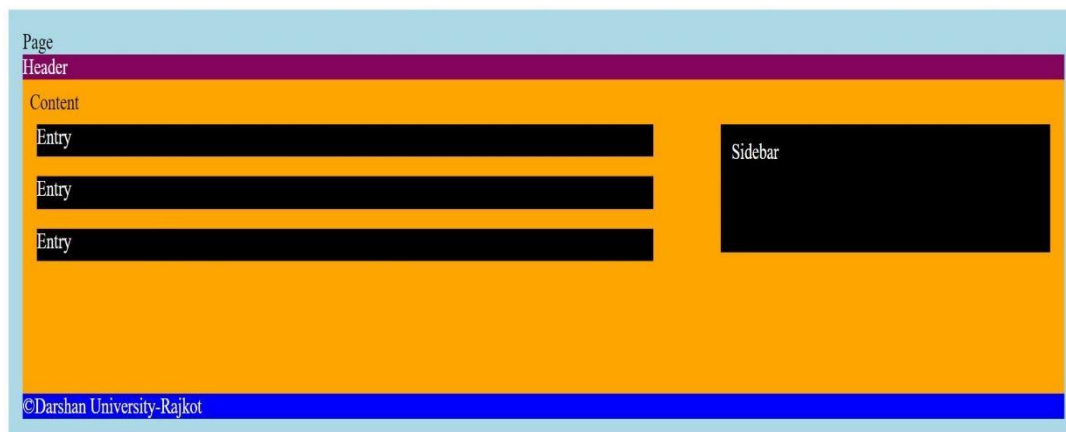
**Subject:** 2301CS202 – Web Designing

## HTML Video Element



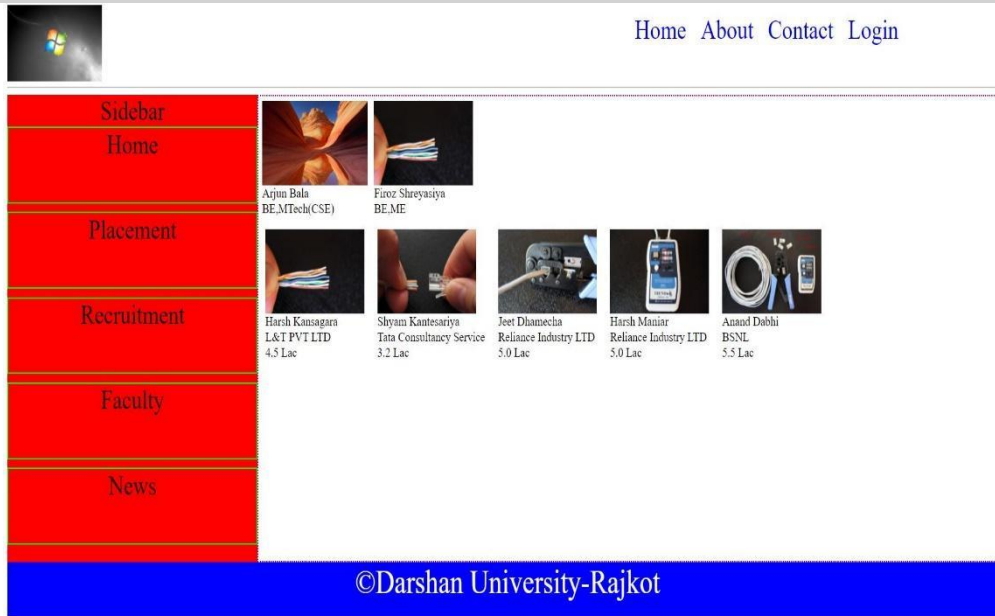
**Lab No** Practical

6 **Design given web pages using div tag and CSS properties.**  
**Part : A**

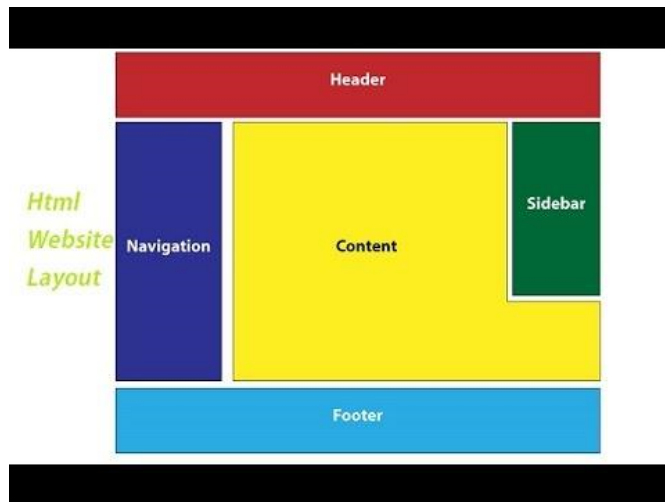


**Part : B**

**Subject:** 2301CS202 – Web Designing



### Part : C



7 **Apply internal-external and inline style sheet on Practical No-6.**

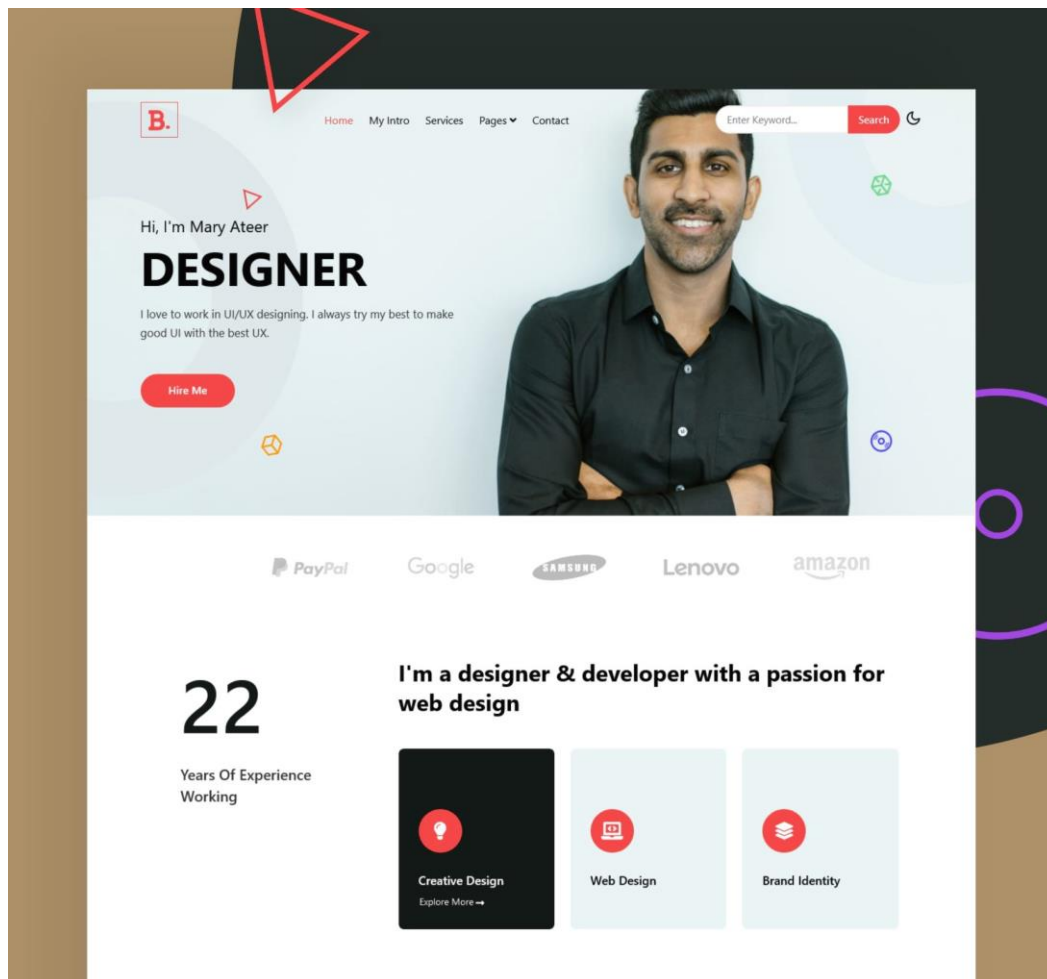
1. Layout part-A
2. Layout part-B
3. Layout part-C

8 **Build a following Personal portfolio webpage using HTML and CSS.**  
**Part : A**

**Subject:** 2301CS202 – Web Designing



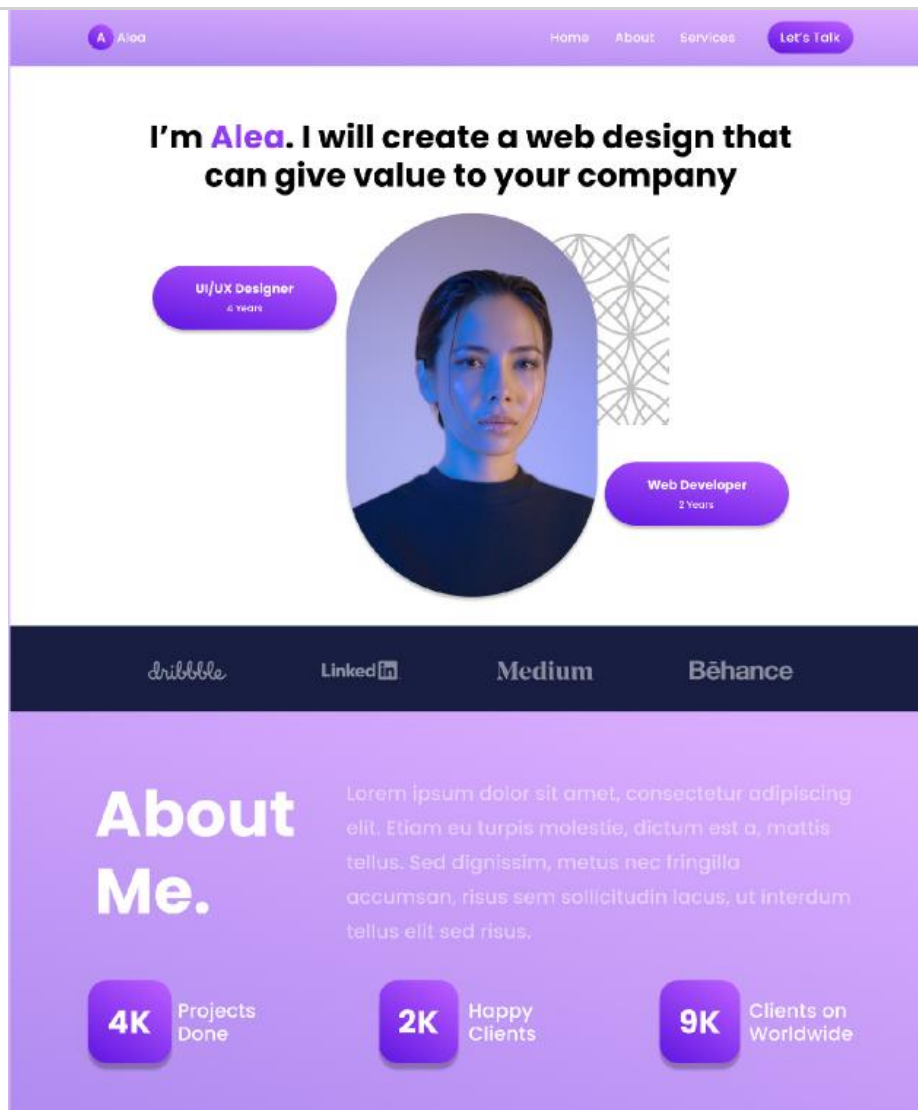
**Part : B**



**Part : C**



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9 **Create web pages having given animation effects**

**Part : A**

1. Changing background color of div from red to yellow.
2. Moving div from Left to right, right to bottom, bottom to left and left to top.
3. Put delay of 2s in animation.
4. Change animation-iteration count property of program 2 to run infinite times
5. Change animation direction property to run it in reverse order.
6. Change value of animation-timing-function property to change the speed of animation

**Part : B**

1. Create custom animation of your choice.

**Part : C**

1. Create animation similar to screen saver.

10 **Apply Media Queries on Practical No-6 and make it responsive.**

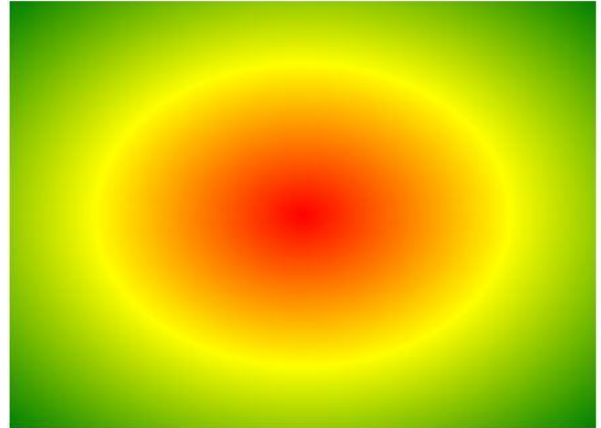
1. Layout part-A
2. Layout part-B
3. Layout part-C



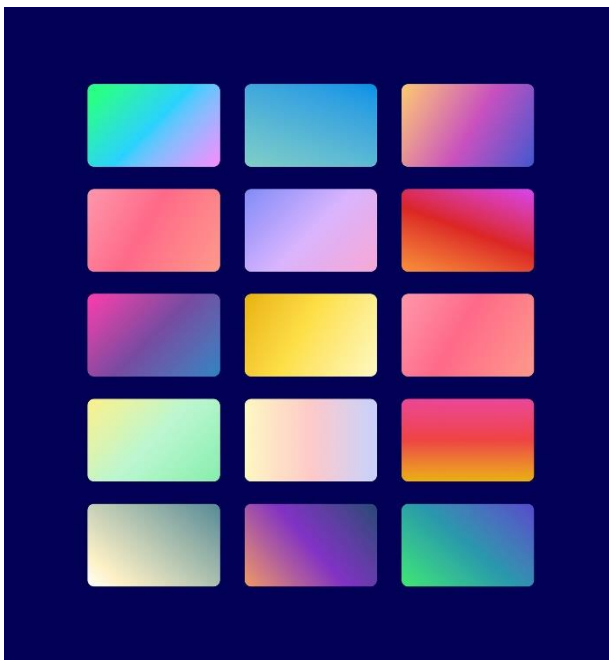
**Subject:** 2301CS202 – Web Designing

11 **Demonstrate Gradients in CSS.**

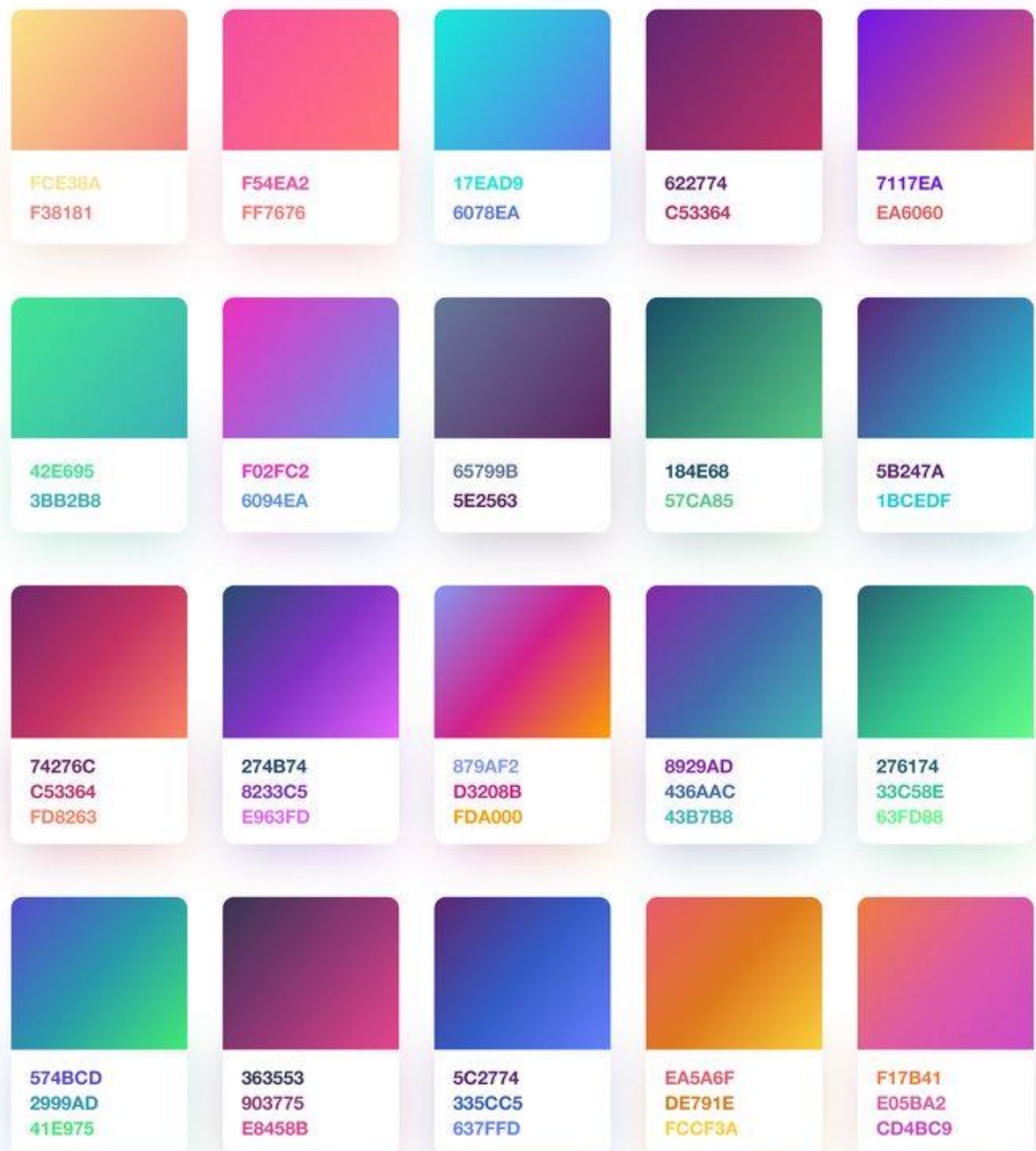
**Part : A**



**Part : B**



**Part : C**



12 **Create a web page using pseudo-classes and pseudo-elements having given effects.**

**Part : A**

1. Link after visited red color before visited orange color
2. Add special style(change color, font size etc.) to first line of paragraph
3. Add special style (change color, font size etc.) to first letter of paragraph
4. Change background color to yellow when user select particular text
5. Add special style to an element when user mouse over it.

**Part : B**

1. Using the :hover pseudo-class to change the appearance of links when hovered over, but limited to links within a specific container.
2. Applying styles to input fields when they receive focus using the :focus pseudo-class.
3. Utilize the :hover pseudo-class to highlight table rows when hovered over.

### **Part : C**

1. Employing pseudo-classes such as :valid and :invalid to style form elements based on their validation status, aiding in providing feedback to users during form submission.
2. Applying pseudo-classes like :active to interactive elements such as buttons and toggles to visually indicate user interaction when activated or clicked.
3. Using pseudo-classes such as :focus to improve accessibility by indicating the currently focused element, aiding users who navigate through a website using keyboard-only inputs.

## **13 Build Below Homepage using HTML and CSS.**

### **Part : A**



### **Welcome to our WEBSITE!**

This is a professional XHTML/CSS layout provided by [TemplateMo.com](#) for free of charge. You can use this template for any purpose. Credit goes to [Free photos](#) for photos.

Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

- Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.
- Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

### **Latest News**

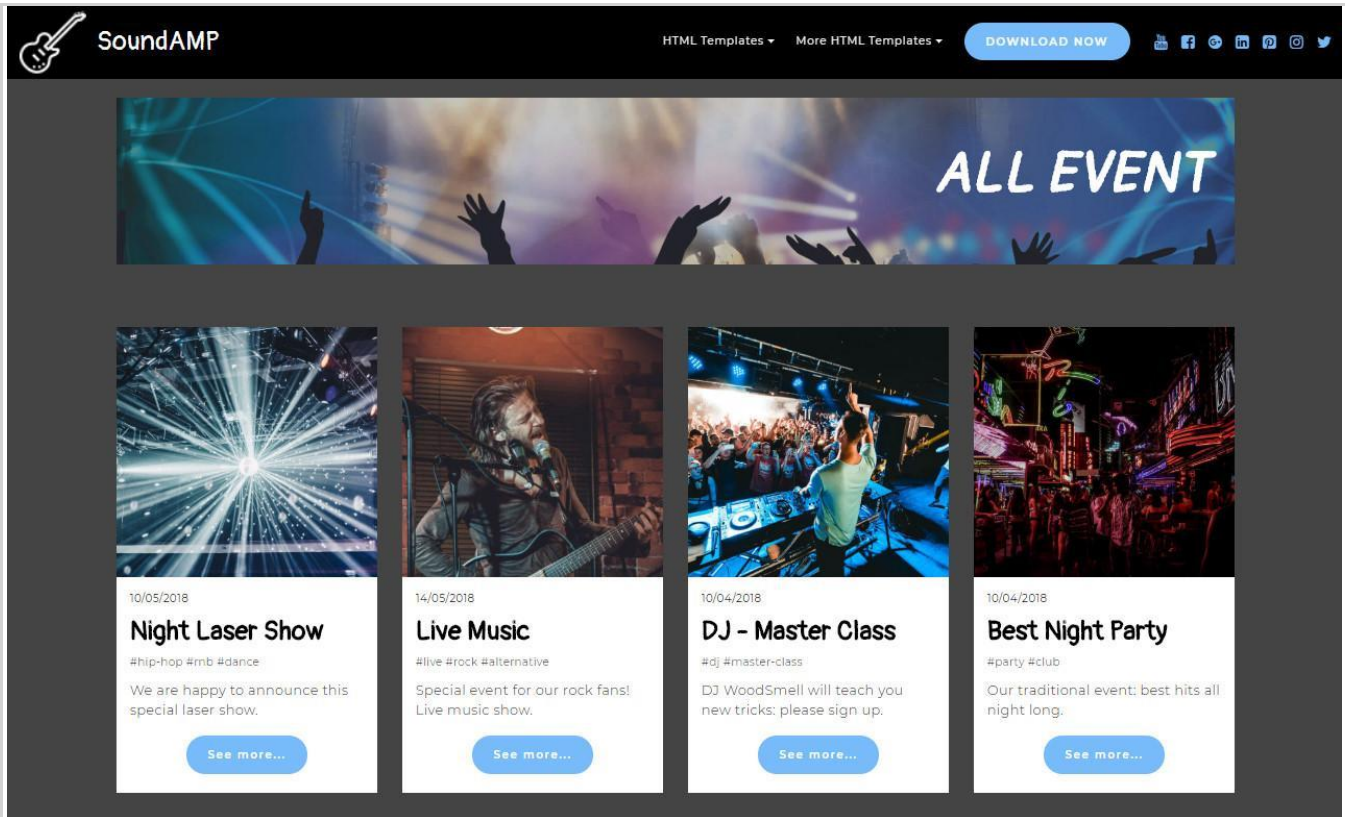
- OCT 29, 2024**

Lorem ipsum dolor sit Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.
- OCT 29, 2024**

Lorem ipsum dolor sit Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.
- OCT 29, 2024**

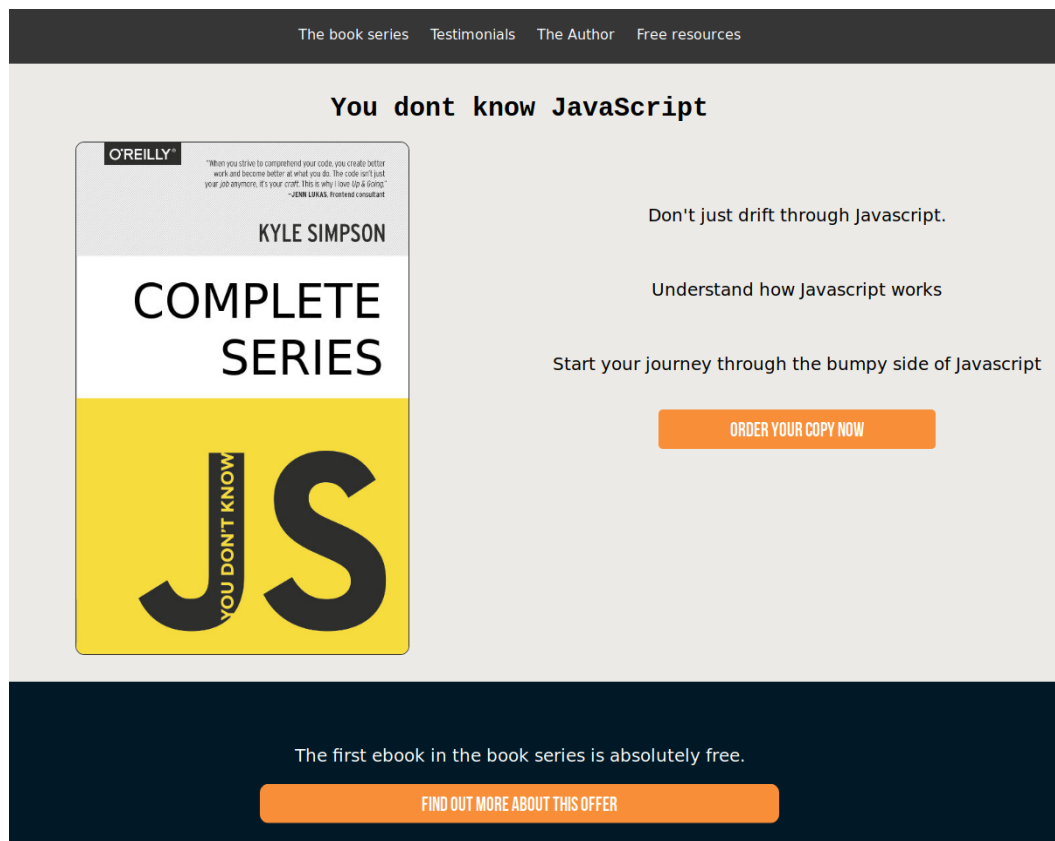
Lorem ipsum dolor sit Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

### **Part : B**

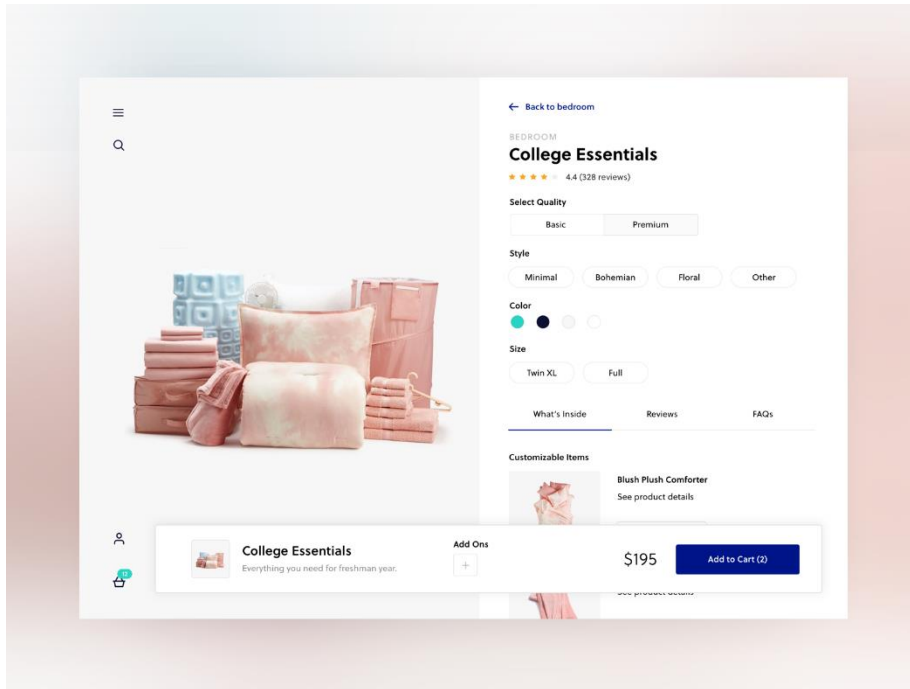


**14 Build a Product landing page using HTML and CSS.**

**Part : A**



**Part : B**



15 **Write HTML, Bootstrap code for following effects.**

**Part : A**

1. Use Bootstrap typography as per below image.

**Darshan University-Rajkot**

Rajkot-Morbi Highway,

Hadala,

Email:info@darshan.ac.in,

Phone:0281-2569612

2. Use Bootstrap typography to make text look like below image



**Subject:** 2301CS202 – Web Designing

	<p>Welcome to Darshan University</p> <p><del>Darshan Institute of Engineering and Technology</del></p> <p><del>Darshan Institute of Engineering and Technology</del></p> <p><u>Darshan University-Rajkot</u></p> <p><u>Darshan University-Rajkot</u></p> <p>Darshan University-Rajkot</p> <p><b>Darshan University-Rajkot</b></p> <p><i>Darshan University-Rajkot</i></p> <p><b><u>Part : B</u></b></p> <ol style="list-style-type: none"> <li>1. Use Bootstrap typography to put abbreviation in paragraph.</li> <li>2. Use Bootstrap typography to align text (left, center, right)</li> <li>3. Create Unstyled list using Bootstrap typography.</li> <li>4. Use Bootstrap to display responsive image in webpage. Also use alignment to align it in left, center and right side of webpage.</li> <li>5. Use Bootstrap to create thumbnail of image.</li> </ol> <p><b><u>Part : C</u></b></p> <ol style="list-style-type: none"> <li>1. Design page of your choice which use above concept.</li> </ol>
16	<p><b>Create a design similar to Practical No-6 using the grid system of bootstrap.</b></p> <ol style="list-style-type: none"> <li>1. Layout part-A</li> <li>2. Layout part-B</li> <li>3. Layout part-C</li> </ol>
17	<p><b>Write HTML, Bootstrap code to design page like following images.</b></p> <p><b><u>Part : A</u></b></p>

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LOGO

Home Contact About Us Messages 12

### Dashboard:

Name	Team	All Star	Remove
Steph	Warriors	Yes	
Lebron	Cavaliers	Yes	
Dwayne	Heat	Yes	
Kobe	Lakers	Yes <span>Last</span>	
Isaiah	Celtics	Yes <span>First</span>	

### Todos:

Feel good about Bootstrap

Feel informed about Bootstrap

Feel warned about Bootstrap

Maybe I should read the docs...

Danger zone

I really should read the docs...

## Part : B

Open Admin

Dashboard

Pages

Admin

Helpers

Media manager

Config

Api tester

Page Designer

Administrator

Home / Pages

### Page List

+ New

2 items selected

Filter

Report

Export

<input type="checkbox"/>	ID	title	Date	Tags	Star	Created at	Updated at	Action
<input type="checkbox"/>	1	Homepage		<span>new</span> <span>special</span>	★	2022-02-17 00:51:01	2022-06-25 14:30:21	
<input checked="" type="checkbox"/>	2	Blog	2022-06-25	<span>new</span>	★	2022-06-25 14:30:33	2022-06-25 14:30:33	
<input type="checkbox"/>	3	About us	2022-06-25	<span></span>	★	2022-06-25 14:36:58	2022-06-25 14:37:40	
<input type="checkbox"/>	4	Contact	2022-06-25	<span>code</span> <span>special</span>	★	2022-06-25 14:37:12	2022-06-25 14:39:16	
<input type="checkbox"/>	5	Cases		<span></span>	★	2022-06-25 14:37:22	2022-06-25 14:37:36	
<input checked="" type="checkbox"/>	6	Clients	2022-06-25	<span>special</span>	★	2022-06-25 14:37:28	2022-06-25 14:37:28	

Showing 1 to 6 of 6 entries

Show 20 entries

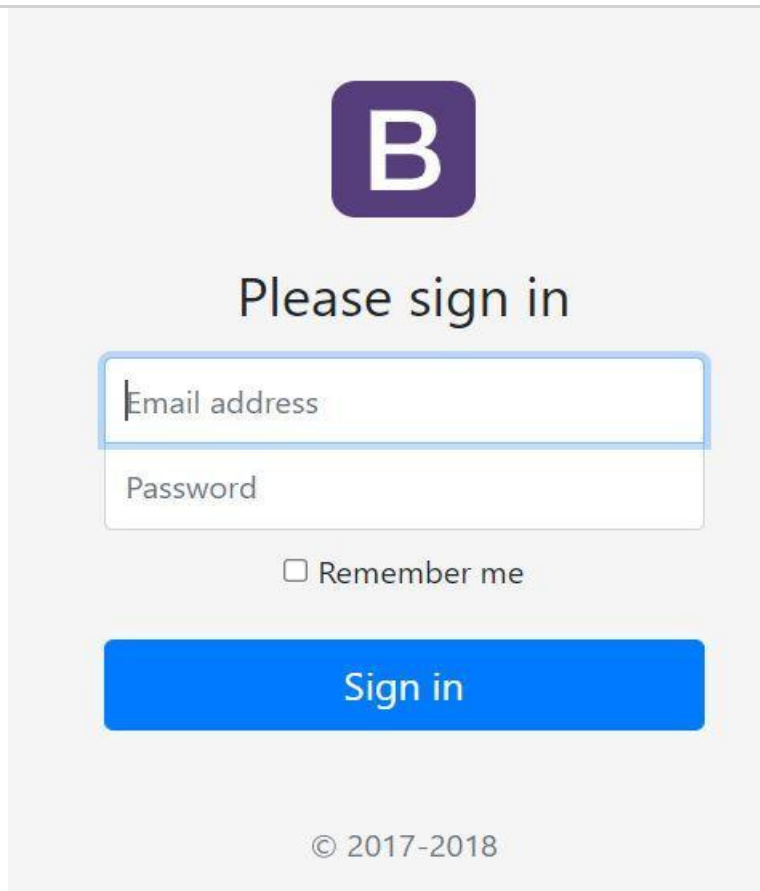
1

18 **Design SIGN-IN form using Bootstrap.**

## Part : A



**Subject:** 2301CS202 – Web Designing



**B**

Please sign in

Email address

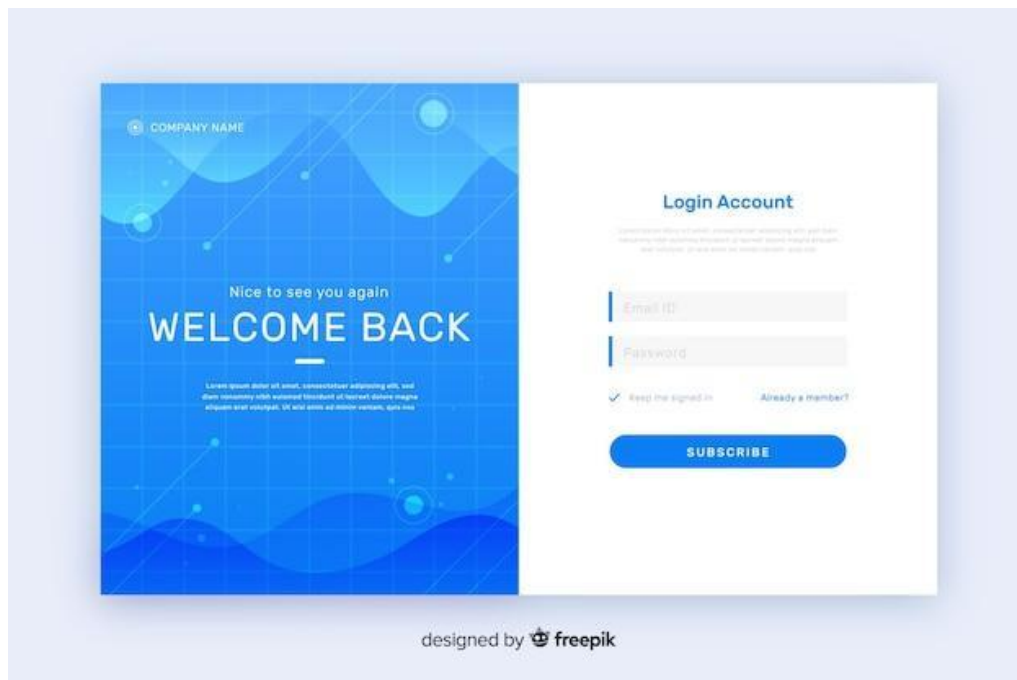
Password

☐ Remember me

Sign in

© 2017-2018

**Part : B**



COMPANY NAME

Nice to see you again

**WELCOME BACK**

Log in your detail or email, connect your existing app, and  
start enjoying the newest features of our app. You can  
also log in with Google, Facebook, Twitter, etc.


Log in Account

Email ID

Password

☒ Keep the signed in [Already a member?](#)

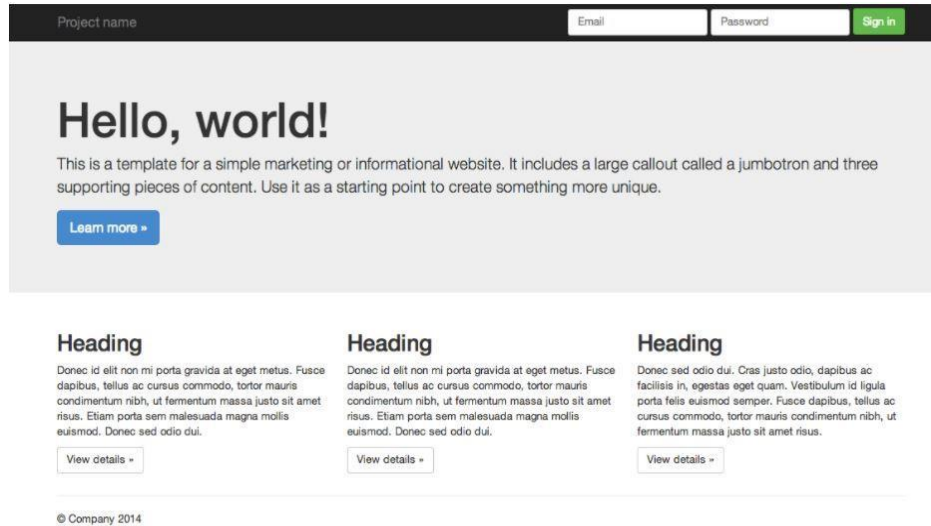
SUBSCRIBE

designed by  freepik

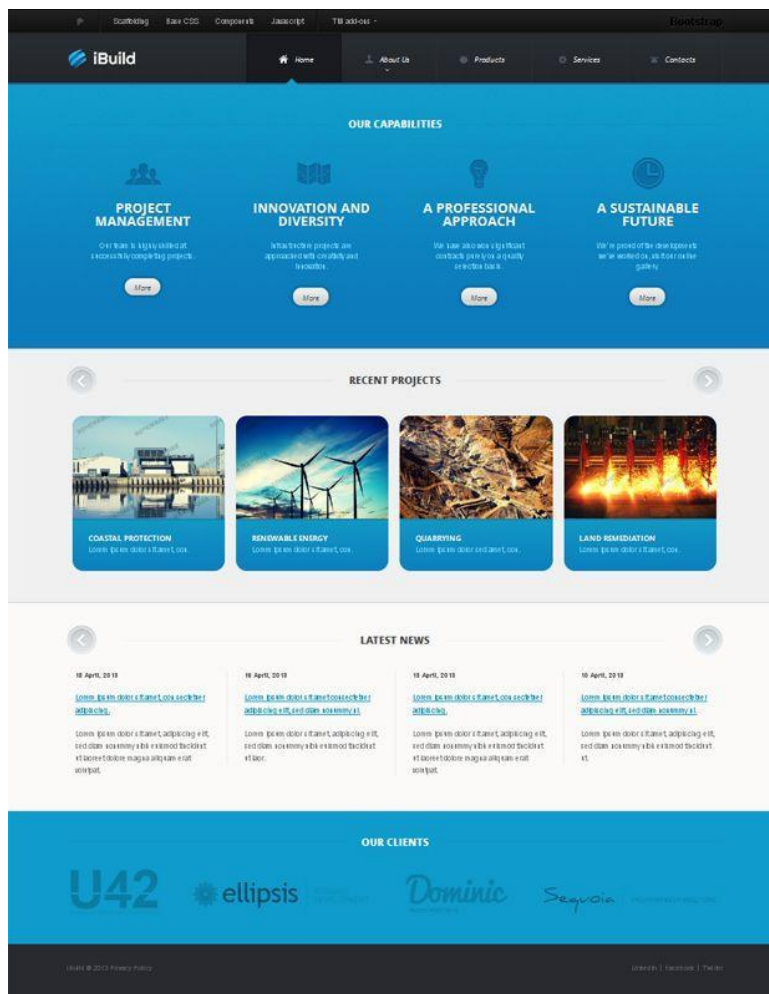
**Subject:** 2301CS202 – Web Designing

20 **Write HTML, Bootstrap code to design following image.**

**Part : A**



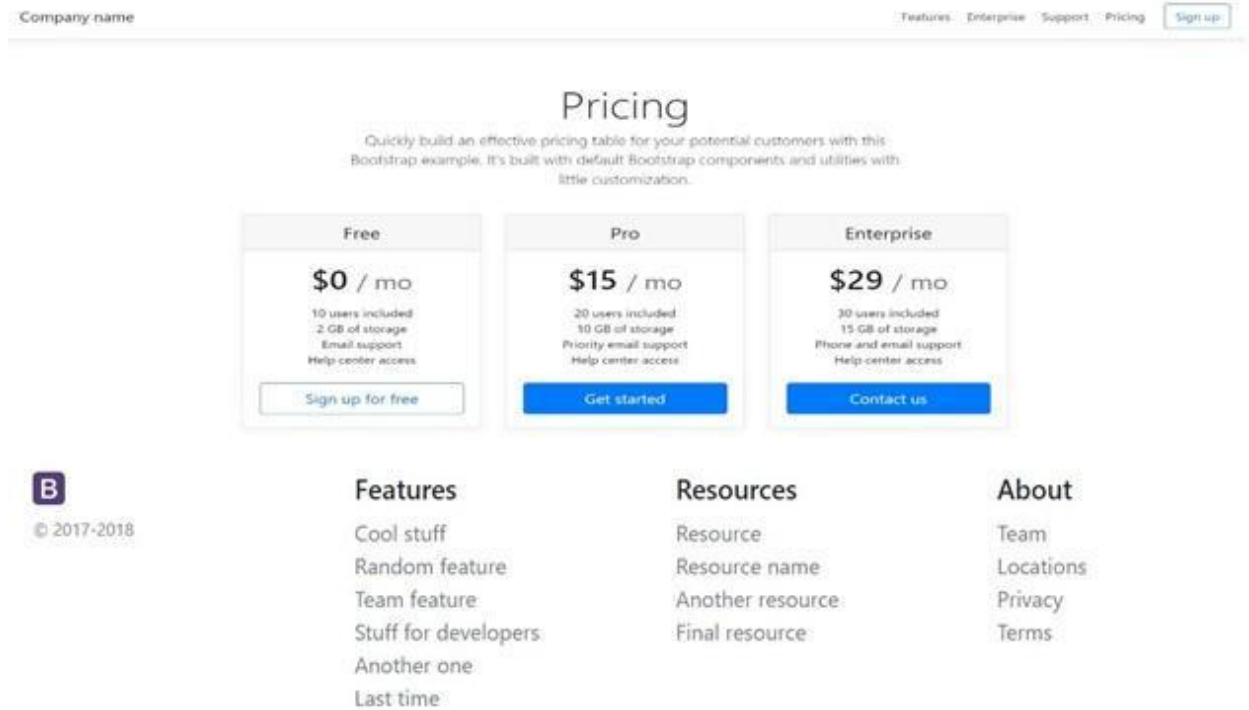
**Part : B**



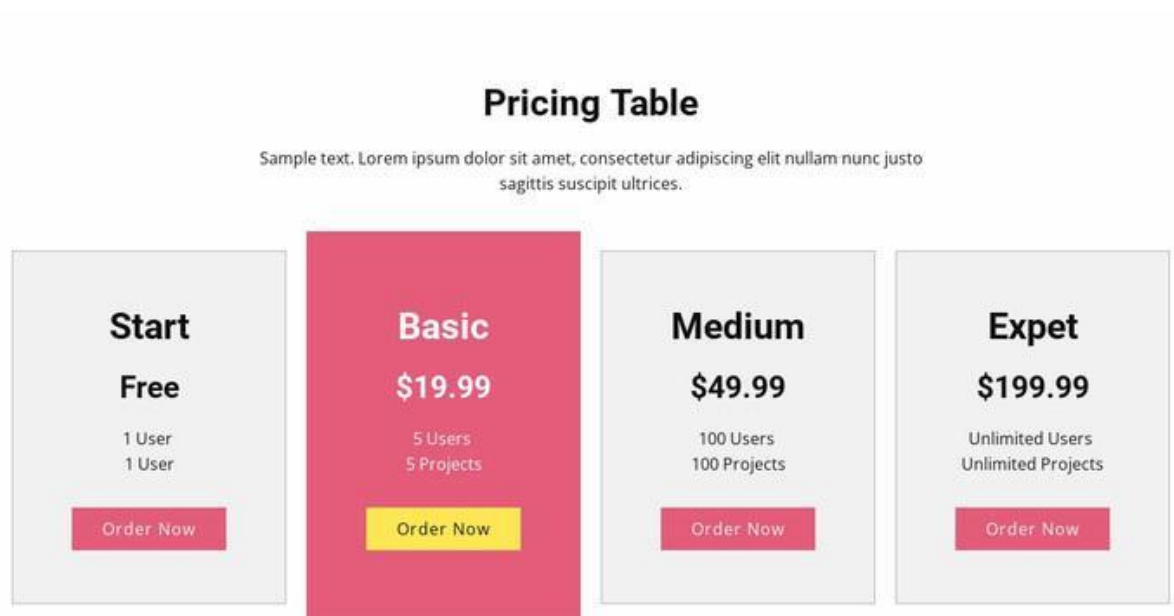
**Subject:** 2301CS202 – Web Designing

21 **Write HTML, Bootstrap code to design following image.**

**Part : A**



**Part : B**



**Subject:** 2301CS202 – Web Designing

22

**Design Checkout form using Bootstrap.**

**Part : A**

**Complex Bootstrap Form**

First Name

Enter your first name

Last Name

Enter your last name

Email

Enter your email

Password

Enter your password

Confirm Password

Confirm your password

Address

1234 Main St

City

State

Zip


Choose...

☐ Check me out

Sign up

**Part : B**

**Subject:** 2301CS202 – Web Designing



## Checkout form

Below is an example form built entirely with Bootstrap's form controls. Each required form group has a validation state that can be triggered by attempting to submit the form without completing it.

### Billing address

First name

Last name

Username

@ Username

Email (Optional)

Address

Address 2 (Optional)

Country

Choose...

State

Choose...

Zip

☐ Shipping address is the same as my billing address
 ☐ Save this information for next time

### Payment

☒ Credit card
 ☐ Debit card
 ☐ PayPal

Name on card

Credit card number

Full name as displayed on card

Expiration

CVV

Continue to checkout

### Your cart

Product name

Brief description

\$12

Second product

Brief description

\$8

Third item

Brief description

\$5

Promo code

EXAMPLECODE

-\$5

Total (USD)

\$20

Promo code

Redeem

23 to 26 **Design Website using HTML, CSS and Bootstrap.**

1. Design all web pages using HTML.(A)
2. Apply CSS to make some pages attractive.(B)
3. Use Bootstrap in few web pages and also demonstrate few Bootstrap components.(C)