

*Starter templates*

<!doctype html>

<html lang="ar" >

  <head>

    <!-- Required meta tags -->

    <meta charset="utf-8">

    <meta name="viewport" content="width=device-width, initial-scale=1">

    <!-- Bootstrap CSS -->

    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.rtl.min.css" integrity="sha384-+qdLaIRZfNu4cVPK/PxJJEy0B0f3Ugv8i482AKY7gwXwhaCroABd086ybrVKTa0q" crossorigin="anonymous">

  </head>

  <body>

    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js" integrity="sha384-ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+IlRH9sENBO0LRn5q+8nbTov4+1p" crossorigin="anonymous"></script>

  </body>

</html>

<!doctype html>

<html lang="ar" dir="rtl">

<head>

<!-- Required meta tags -->

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

<!-- Bootstrap CSS -->

<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.rtl.min.css" integrity="sha384-+qdLaIRZfNu4cVPK/PxJJEy0B0f3Ugv8i482AKY7gwXwhaCroABd086ybrVKTa0q" crossorigin="anonymous">

<title>مرحبا بالعالم!</title>

</head>

<body>

<h1>مرحبا بالعالم!</h1>

<!-- Optional JavaScript; choose one of the two! -->

<!-- Option 1: Bootstrap Bundle with Popper -->

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js" integrity="sha384-ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+IlRH9sENBO0LRn5q+8nbTov4+1p" crossorigin="anonymous"></script>

<!-- Option 2: Separate Popper and Bootstrap JS -->

<!--

<script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.10.2/dist/umd/popper.min.js" integrity="sha384-7+zCNj/IqJ95wo16oMtfsKbZ9ccEh31eOz1HGyDuCQ6wgnyJNSYdrPa03rtR1zdB" crossorigin="anonymous"></script>

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.min.js" integrity="sha384-QJHtvGhmr9XOIpI6YVutG+2QOK9T+ZnN4kzFN1RtK3zEFEIsxhlmWl5/YESvpZ13" crossorigin="anonymous"></script>

-->

</body>

</html>

*Navbars*

*(1)*

<nav class="navbar navbar-expand-lg navbar-light bg-light">

<div class="container-fluid">

<a class="navbar-brand" href="#">Navbar</a>

<button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarNavAltMarkup" aria-controls="navbarNavAltMarkup" aria-expanded="false" aria-label="Toggle navigation">

<span class="navbar-toggler-icon"></span>

</button>

<div class="collapse navbar-collapse" id="navbarNavAltMarkup">

<div class="navbar-nav">

<a class="nav-link active" aria-current="page" href="#">Home</a>

<a class="nav-link" href="#">Features</a>

<a class="nav-link" href="#">Pricing</a>

<a class="nav-link disabled">Disabled</a>

</div>

</div>

</div>

</nav>

*(2)*

<nav class="navbar navbar-expand-lg navbar-light bg-light">

<div class="container-fluid">

<a class="navbar-brand" href="#">Navbar</a>

<button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarNavDropdown" aria-controls="navbarNavDropdown" aria-expanded="false" aria-label="Toggle navigation">

<span class="navbar-toggler-icon"></span>

</button>

<div class="collapse navbar-collapse" id="navbarNavDropdown">

<ul class="navbar-nav">

<li class="nav-item">

<a class="nav-link active" aria-current="page" href="#">Home</a>

</li>

<li class="nav-item">

<a class="nav-link" href="#">Features</a>

</li>

<li class="nav-item">

<a class="nav-link" href="#">Pricing</a>

</li>

<li class="nav-item dropdown">

<a class="nav-link dropdown-toggle" href="#" id="navbarDropdownMenuLink" role="button" data-bs-toggle="dropdown" aria-expanded="false">

Dropdown link

</a>

<ul class="dropdown-menu" aria-labelledby="navbarDropdownMenuLink">

<li><a class="dropdown-item" href="#">Action</a></li>

<li><a class="dropdown-item" href="#">Another action</a></li>

<li><a class="dropdown-item" href="#">Something else here</a></li>

</ul>

</li>

</ul>

</div>

</div>

</nav>

*(3)*

<nav class="navbar navbar-expand-lg navbar-light bg-light">

<div class="container-fluid">

<a class="navbar-brand" href="#">Navbar</a>

<button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">

<span class="navbar-toggler-icon"></span>

</button>

<div class="collapse navbar-collapse" id="navbarSupportedContent">

<ul class="navbar-nav me-auto mb-2 mb-lg-0">

<li class="nav-item">

<a class="nav-link active" aria-current="page" href="#">Home</a>

</li>

<li class="nav-item">

<a class="nav-link" href="#">Link</a>

</li>

<li class="nav-item dropdown">

<a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button" data-bs-toggle="dropdown" aria-expanded="false">

Dropdown

</a>

<ul class="dropdown-menu" aria-labelledby="navbarDropdown">

<li><a class="dropdown-item" href="#">Action</a></li>

<li><a class="dropdown-item" href="#">Another action</a></li>

<li><hr class="dropdown-divider"></li>

<li><a class="dropdown-item" href="#">Something else here</a></li>

</ul>

</li>

<li class="nav-item">

<a class="nav-link disabled">Disabled</a>

</li>

</ul>

<form class="d-flex">

<input class="form-control me-2" type="search" placeholder="Search" aria-label="Search">

<button class="btn btn-outline-success" type="submit">Search</button>

</form>

</div>

</div>

</nav>

***(4)***

nav class="navbar navbar-expand-lg navbar-light bg-light">

  <div class="container-fluid">

    <a class="navbar-brand" href="#">Navbar</a>

    <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarNav" aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle navigation">

      <span class="navbar-toggler-icon"></span>

    </button>

    <div class="collapse navbar-collapse" id="navbarNav">

      <ul class="navbar-nav">

        <li class="nav-item">

          <a class="nav-link active" aria-current="page" href="#">Home</a>

        </li>

        <li class="nav-item">

          <a class="nav-link" href="#">Features</a>

        </li>

        <li class="nav-item">

          <a class="nav-link" href="#">Pricing</a>

        </li>

        <li class="nav-item">

          <a class="nav-link disabled">Disabled</a>

        </li>

      </ul>

    </div>

  </div>

</nav>

*COLOR SCHEMES NAVBAR*

<nav class="navbar navbar-dark bg-dark">

<!-- Navbar content -->

</nav>

<nav class="navbar navbar-dark bg-primary">

<!-- Navbar content -->

</nav>

<nav class="navbar" style="background-color: #e3f2fd;">

<!-- Navbar content -->

</nav>

*COLLAPSED CONTENT NAVBAR*

<div class="collapse" id="navbarToggleExternalContent">

<div class="bg-dark p-4">

<h5 class="text-white h4">Collapsed content</h5>

<span class="text-muted">Toggleable via the navbar brand.</span>

</div>

</div>

<nav class="navbar navbar-dark bg-dark">

<div class="container-fluid">

<button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarToggleExternalContent" aria-controls="navbarToggleExternalContent" aria-expanded="false" aria-label="Toggle navigation">

<span class="navbar-toggler-icon"></span>

</button>

</div>

</nav>

*Carousel*

<div class="container">

    <div id="carouselExampleSlidesOnly" class="carousel slide" data-bs-ride="carousel">

        <div class="carousel-inner">

          <div class="carousel-item active">

            <img src="/static/41.JPG" class="d-block w-100" alt="...">

          </div>

          <div class="carousel-item">

            <img src="..." class="d-block w-100" alt="...">

          </div>

          <div class="carousel-item">

            <img src="..." class="d-block w-100" alt="...">

          </div>

        </div>

      </div>

*Data posting*

*(1)*def spring(request):

    b=''

    if request.method == 'POST':

        name=request.POST.get('name')

        father\_name=request.POST.get('father\_name')

        gender=request.POST.get('gender')

        Class=request.POST.get('Class')

        section=request.POST.get('section')

        roll\_no=request.POST.get('roll\_no')

        data=School(name=name,father\_name=father\_name,gender=gender,Class=Class,section=section,roll\_no=roll\_no)

        data.save()

        b='your data has been sent sir you can go and check'

    return render(request,'base.html',{'b':b})

*(2)*

<!DOCTYPE html> {% load static%}

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>autumn</title>

</head>

<body bgcolor="dark dark sunny">

    <H1 class="text-center">ASSALAMUALIAKUM</H1>

    <div class="container mb-3 py-4">

        <form method="POST" action="{% url 'spring' %}">

            {% csrf\_token %}

            <div class="form-group">

                <label for="name">name</label>

                <input type="text" class="form-control" id="name" name="name" placeholder="enter your name">

            </div>

            <div class="form-group">

                <label for="father\_name">father\_name</label>

                <input type="text" class="form-control" id="father\_name" name="father\_name" placeholder="enter your father\_name">

            </div>

            <div class="form-group">

                <label for="gender">gender</label>

                <input type="text" class="form-control" id="gender" name="gender" placeholder="enter your gender">

            </div>

            <div class="form-group">

                <label for="Class">Class</label>

                <input type="text" class="form-control" id="Class" name="Class" placeholder="enter your Class">

            </div>

            <div class="form-group">

                <label for="section">section</label>

                <input type="text" class="form-control" id="section" name="section" placeholder="enter your section">

            </div>

            <div class="form-group">

                <label for="roll\_no">roll\_no</label>

                <input type="text" class="form-control" id="roll\_no" name="roll\_no" placeholder="enter your roll\_no">

            </div>

            <button class="btn btn-primary" type="submit">!!! SUBMITT HERE !!!</button>

        </form>

    </div>

</body>

</html>

*(3)*

<h1>{{b}}</h1>

*Remove punc*

*(1)*from email.policy import default

from string import punctuation

from django.http import HttpResponse

from django.shortcuts import render

from sympy import stationary\_points

from jupiter.models import result

from . import views

def text(request):

    Atext=request.POST.get('text','default')

    rpu=request.POST.get('rpu','off')

    upper=request.POST.get('upper','off')

    nl=request.POST.get('nl','off')

    # print(rpu)

    # print(Atext)

    if rpu == "on" :

        # analyzed=Atext

        punctuations = ''' ? ` , : , @  ; ,% ^ <<,,,>>>..!!!| “ ”, \_ - ( ), { },[ ] ,  ,\*, \\\::"""'  ~ , / , , #,$, &  '''

        analyzed=""

        for i in Atext:

            if i not in punctuations:

               analyzed=analyzed+i

        data={'rpu': rpu , 'btext': analyzed }

        return render(request,'text.html', data)

    elif(upper == "on") :

        punctuations = '''?`,:,@;,%^<<,,,>>>{..!!!|“”,\_-(),,[],,\*,\\\}::"""'~,/,,#,$,&'''

        analyzed=""

        for i in Atext:

            if i not in punctuations:

               analyzed=analyzed + i.upper()

            data={'rpu': rpu , 'btext': analyzed }

        return render(request,'text.html', data)

    elif(nl == "on") :

        analyzed=""

        for i in Atext:

            if i != '\n' and i != '\r':

               analyzed=analyzed + i.upper()

            #    analyzed=analyzed

            data={'rpu': rpu , 'btext': analyzed }

        return render(request,'text.html', data)

    else:

        return HttpResponse(" !!! oooo MENTAL MELTAL BHIA APP NE SUB KUCH KUTTAM KAR DIYA HE  HA HA HA HI HI HI !!! ")

*(2)*

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>home</title>

</head>

<body bgcolor="buldy">

    <form  method="GET" action="/text">

        <textarea name="text" id="text" cols="80" rows="10" style="height: 112px; width: 744px;"></textarea>

        <br>

        <input type="checkbox" name="rpu"> remove punctuation

        <br>

        <button type="radio"> upper case</button>

        <br>

        <button type="submit">analyze the text</button>

        <br>

        <input type="radio" value="section a" name="section a" id="section a " class="section a"  >small

        <input type="radio" value="section b" name="section b" id="section b " class="section b " >capital

        <input type="radio" value="section c" name="section a" id="section c " class="section c " >heavy

        <input type="radio" value="section d" name="section b" id="section d " class="section d " >light

</body>

</html>

*(3)*<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>text</title>

</head>

<body >

    {{text}}

<H1>yeh asal main khali punctuation button hey agar on hey to punctuation naen hain ok !!!!  han kiy hey ???

    {{ rpu }}

!!!

achha ""on"" hey tao phir lo !!!

</H1>

 <h1>aor yeh .... yeh bhi text hey jo likha hey !!!!

     </h1><br>

     <h1>{{ btext }}</h1>  <h1>{{nlr}}</h1>

</body></html>

*postgresql*

STATIC\_URL = '/static/'

# added manually

STATICFILES\_DIRS = [os.path.join(BASE\_DIR,"static")]

////////////////////2nd ////////////////////database//////////////////////

DATABASES = {

    'default': {

        'ENGINE': 'django.db.backends.postgresql',

        'NAME': 'DB1',

        'USER': 'postgres',

        'PASSWORD': 'rana',

        'HOST': 'localhost',

    }

}

***BUTTONS***

<label class="container">One

    <input type="checkbox" checked="checked">

    <span class="checkmark"></span>

  </label>

  <label class="container">Two

    <input type="checkbox">

    <span class="checkmark"></span>

  </label>

  <label class="container">Three

    <input type="checkbox">

    <span class="checkmark"></span>

  </label>

  <label class="container">Four

    <input type="checkbox">

    <span class="checkmark"></span>

  </label>

      <div class="container mb-1 my-1 px-10">

        <H1 class="text-center" > CONTACT US </H1>

      <form method="POST" action="/index">

    </div>

    <div class="form-group">

        <select class="form-select" id="floatingSelectGrid" aria-label="Floating label select example">

          <option selected>Open this select menu</option>

          <option value="1">enter your size of chest</option>

          <option value="2">enter your size of body</option>

          <option value="3">enter your size of muscles</option>

        </select>

        <label for="floatingSelectGrid">Works with selects</label>

      </div>

    </div>

    </div>

    <div class="form-group">

      <label for="body"> <strong> body</strong> </label>

      <input type="text"  class="form-control" id="body" name="body" placeholder="enter your body size" >

    </div>

    <div class="form-group">

      <label for="muscles"> <strong> muscles</strong> </label>

      <input type="text"  class="form-control" id="muscles" name="muscles" placeholder="enter your muscles size" >

    </div>

    <div class="form-group">

      <label for="chest"> <strong> chest</strong> </label>

      <input type="text"  class="form-control" id="chest" name="chest" placeholder="enter your chest size" >

    </div>

    <button class="btn btn-danger my-2 text-center" type="submitt">SUBMITT</button>

    <br><br>

    </form>

*Models*

*Admin*

class Membership(models.Model):

    person = models.CharField(max\_length=50)

    group = models.CharField(max\_length=50)

    invite\_reason = models.CharField(max\_length=64)

    images = models.ImageField(upload\_to = "images" ,default="")

    def \_\_str\_\_(self):

        return self.person

from .models import Membership

admin . site . register (Membership)

class info(models.Model):

    name = models.CharField(max\_length=50)

    email = models.CharField(max\_length=50)

    password = models.CharField(max\_length=30)

    def \_\_str\_\_(self):

        return self.name

from .models import info

admin . site . register (info)

class contact(models.Model):

    name = models.CharField(max\_length=50)

    email = models.CharField(max\_length=50)

    phone = models.CharField(max\_length=50)

    desc = models.TextField()

    date = models.DateField()

    def \_\_str\_\_(self):

        return self.name

from .models import contact

admin . site . register (contact)

class car(models.Model):

    engine =models.CharField(max\_length=50,default="")

    tyres =models.CharField(max\_length=50,default="")

    doors =models.CharField(max\_length=50,default="")

    mirrors =models.CharField(max\_length=50,default="")

    def \_\_str\_\_(self):

        return self.engine

from .models import car

admin . site . register(car)

class health(models.Model):

    body  =models.CharField(max\_length=50,default="")

    chest =models.CharField(max\_length=50,default="")

    muscles =models.CharField(max\_length=50,default="")

    def \_\_str\_\_(self):

        return self.body

from .models import health

admin . site . register(health)

class animal(models.Model):

    name         = models.CharField(max\_length=50 ,default="")

    age          = models.CharField(max\_length=50 ,default="")

    height       = models.CharField(max\_length=50 ,default="")

    weight       = models.CharField(max\_length=50 ,default="")

    colour       = models.CharField(max\_length=50 ,default="")

    type         = models.CharField(max\_length=50 ,default="")

    def \_\_str\_\_(self):

        return self.name

from .models import animal

admin.site.register(animal)

class Machine(models.Model):

    name               = models.CharField(max\_length=50 ,default="")

    numbers             = models.CharField(max\_length=50 ,default="")

    characteristics    = models.CharField(max\_length=50 ,default="")

    materials             = models.CharField(max\_length=50 ,default="")

    moter            = models.CharField(max\_length=50 ,default="")

    def \_\_str\_\_(self):

        return self.name

from .models import Machine

admin.site.register(Machine)

class school(models.Model):

    name                = models.CharField(max\_length=50 ,default="")

    father\_name         = models.CharField(max\_length=50 ,default="")

    gender              = models.CharField(max\_length=50 ,default="")

    Class               = models.CharField(max\_length=50 ,default="")

    section             = models.CharField(max\_length=50 ,default="")

    roll\_no             = models.CharField(max\_length=50 ,default="")

    def \_\_str\_\_(self):

        return self.name

from .models import school

admin.site.register(school)

class CNIC(models.Model):

    name         = models.CharField(max\_length=50 ,default="")

age          = models.CharField(max\_length=50 ,default="")

    height       = models.CharField(max\_length=50 ,default="")

    weight       = models.CharField(max\_length=50 ,default="")

    colour       = models.CharField(max\_length=50 ,default="")

    type         = models.CharField(max\_length=50 ,default="")

gender    = models.CharField(max\_length=50 ,default="")

    country            = models.CharField(max\_length=50 ,default="")

    date\_birth            = models.CharField(max\_length=50 ,default="")

    father\_name             = models.CharField(max\_length=50 ,default="")

    photo = models.ImageField(upload\_to="myimage")

    date = models.DateTimeField(auto\_now\_add=True)

    def \_\_str\_\_(self):

        return self.name

from .models import CNIC

admin.site.register(CNIC)

class house(models.Model):

    city             = models.CharField(max\_length=50 ,default="")

    mohallah\_no         = models.CharField(max\_length=50 ,default="")

    street\_no              = models.CharField(max\_length=50 ,default="")

    house\_no               = models.CharField(max\_length=50 ,default="")

    rooms             = models.CharField(max\_length=50 ,default="")

    def \_\_str\_\_(self):

        return self.city

from .models import house

admin.site.register(house)

*Videos making*

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>jupiter\_app</title>

</head>

<body bgcolor="pink">

    <h1>this is my app</h1>

<video src="2.MP4" controls width="500px" > chal phir</video>

<br>

<video src="video/1.MP4" controls autoplay > chal phir</video>chal phir

<br>

<video src="2.MP4" controls width="500px" autoplay > chal phir</video>

    <img src="25.JPG" alt=" pics">

<iframe width="560" height="315" src="https://www.youtube.com/embed/vANPAex3fGU" title="YouTube video player" frameborder="0" allow="accelerometer; autoplay; clipboard-write; encrypted-media; gyroscope; picture-in-picture" allowfullscreen></iframe>

    <br>

    <iframe width="1000" height="200" src="https://www.bing.com" frameborder="0">search here</iframe>

    <video src="1.MP4" controls > chal phir</video>

</body>

</html>

*Buttons*

<input type="radio" value="section a" name="section a" id="section a " class="section a"  >small

        <input type="radio" value="section b" name="section b" id="section b " class="section b " >capital

        <input type="radio" value="section c" name="section a" id="section c " class="section c " >heavy

        <input type="radio" value="section d" name="section b" id="section d " class="section d " >light

<input type="checkbox" name="rpu"> remove punctuation

<label for="costomRanage10" class="form-label">EXAMPLE RANGE</label>

                        <input type="range" class="form-range" min="0" max="10" id="costomRange10">

*Left and side control*

<a class="carousel-control-prev " href="#demo" role="button" data-slide="prev">

    <span class="carousel-control-prev-icon" aria-hidden="true"></span>

    <span class="sr-only">Previous</span>

  </a>

  <a class="carousel-control-next" href="#demo" role="button" data-slide="next">

    <span class="carousel-control-next-icon" aria-hidden="true"></span>

    <span class="sr-only">Next</span>

*Admin Name Changer*

admin.site.site\_header  =  " !!! Administrator\_Portal !!! "

admin.site.site\_title  =  " !!! Administrator\_Portal !!! "

admin.site.index\_title  =  "!!! Administrator\_Page !!!"

­

*Forms*

<div class="container mb-3 py-4">

        <form method="POST" action= "{% url 'book' %}">

            <H1 class="text-center">ASSALAMUALIAKUM</H1>

            {% csrf\_token %}

            <div class="form-group">

                <label for="name">name</label>

                <input type="text" class="form-control" id="name" name="name" placeholder="enter your name">

            </div>

            <div class="form-group">

                <label for="father\_name">father\_name</label>

                <input type="text" class="form-control" id="father\_name" name="father\_name" placeholder="enter your father\_name">

            </div>

            <div class="form-group">

                <label for="gender">gender</label>

                <input type="text" class="form-control" id="gender" name="gender" placeholder="enter your gender">

            </div>

            <div class="form-group">

                <label for="country">country</label>

                <input type="text" class="form-control" id="country" name="country" placeholder="enter your country">

            </div>

            <div class="form-group">

                <label for="date\_birth">date\_birth</label>

                <input type="text" class="form-control" id="date\_birth" name="date\_birth" placeholder="enter your date\_birth">

            </div>

            <button class="btn btn-primary" type="submit" href="/index">!!! SUBMITT HERE !!!</button>

        </form>

</div>

    <div class="container">

        <div id="carouselExampleSlidesOnly" class="carousel slide" data-bs-ride="carousel">

            <div class="carousel-inner">

                <div class="carousel-item active">

                    <img src="/static/14.JPG" class="d-block w-100" alt="rabees">

                </div>

                <div class="carousel-item">

                    <img src="/static/001.JPG" class="d-block w-100" alt="rana">

                </div>

                <div class="carousel-item">

                    <img src="/static/001.JPG" class="d-block w-100" alt="ribbi">

                </div>

            </div>

        </div>

    </div>

</body>

</html><br><br><br><br><br>

*Home.html*

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>home page</title>

</head>

<body bgcolor="cadetblue">

    <h1 >this is my home page</h1>

    <!doctype html>

    <html lang="en">

    <head>

        <!-- Required meta tags -->

        <meta charset="utf-8">

        <meta name="viewport" content="width=device-width, initial-scale=1">

        <!-- Bootstrap CSS -->

        <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.rtl.min.css"

            integrity="sha384-+qdLaIRZfNu4cVPK/PxJJEy0B0f3Ugv8i482AKY7gwXwhaCroABd086ybrVKTa0q" crossorigin="anonymous">

    </head>

    <body>

        <!-- Optional JavaScript; choose one of the two! -->

        <!-- Option 1: Bootstrap Bundle with Popper -->

        <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js"

            integrity="sha384-ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+IlRH9sENBO0LRn5q+8nbTov4+1p"

            crossorigin="anonymous"></script>

        <!-- Option 2: Separate Popper and Bootstrap JS -->

<!--

    <script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.10.2/dist/umd/popper.min.js" integrity="sha384-7+zCNj/IqJ95wo16oMtfsKbZ9ccEh31eOz1HGyDuCQ6wgnyJNSYdrPa03rtR1zdB" crossorigin="anonymous"></script>

    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.min.js" integrity="sha384-QJHtvGhmr9XOIpI6YVutG+2QOK9T+ZnN4kzFN1RtK3zEFEIsxhlmWl5/YESvpZ13" crossorigin="anonymous"></script>

    -->

    </body>

    </html>

    <div class="collapse" id="navbarToggleExternalContent">

        <div class="bg-dark p-4">

          <h5 class="text-white h4">Collapsed content</h5>

    <nav class="navbar navbar-expand-lg navbar-light bg-light">

        <div class="container-fluid">

            <button class="navbar-toggler" type="button" data-bs-toggle="collapse"

                data-bs-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false"

                aria-label="Toggle navigation">

                <span class="navbar-toggler-icon"></span>

            </button>

            <div class="collapse navbar-collapse" id="navbarSupportedContent">

                <ul class="navbar-nav me-auto mb-2 mb-lg-0">

                    <li class="nav-item">

                        <a class="nav-link active" aria-current="page" href="/about">about</a>

                    </li>

                    <li class="nav-item">

                        <a class="nav-link" href="/base">base</a>

                    </li>

                    <li class="nav-item">

                        <a class="nav-link" href="/contact">contact</a>

                    </li>

                    <li class="nav-item">

                        <a class="nav-link" href="/index">index</a>

                    </li>

                    <li class="nav-item apps">

                        <a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button"

                            data-bs-toggle="dropdown" aria-expanded="TRUE">

                            APPS

                        </a>

                        <ul class="dropdown-menu" aria-labelledby="navbarDropdown">

                            <li><a class="dropdown-item" href="https://www.google.com

                            ">chrome\_app</a></li>

                            <li>

                                <hr class="dropdown-divider">

                            </li>

                            <li><a class="dropdown-item" href="https://www.facebook.com">facebook\_app</a></li>

                            <li>

                                <hr class="dropdown-divider">

                            </li>

                            <li><a class="dropdown-item" href="https://www.instagram.com">instagram\_app</a></li>

                            <li>

                                <hr class="dropdown-divider">

                            </li>

                            <li><a class="dropdown-item" href="https://www.twitter.com">twitter\_app</a></li>

                            <li>

                                <hr class="dropdown-divider">

                            </li>

                            <li><a class="dropdown-item" href="https://www.yahoo.com">yahoo\_app</a></li>

                        </ul>

                    </li>

                </ul>

                <form class="d-flex">

                    <input class="form-control me-2" type="search" placeholder="Search" aria-label="Search">

                    <button class="btn btn-outline-success" type="submit">Search</button>

                </form>

            </div>

        </div>

    </nav>

      </nav>

      <span class="text-muted"></span>

    </div>

  </div>

      <nav class="navbar navbar-dark bg-dark">

        <div class="container-fluid">

          <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarToggleExternalContent" aria-controls="navbarToggleExternalContent" aria-expanded="false" aria-label="Toggle navigation">

            <span class="navbar-toggler-icon"></span>

          </button>

        </div>

      </nav>

<div class="container">

    <div id="carouselExampleSlidesOnly" class="carousel slide" data-bs-ride="carousel">

        <div class="carousel-inner">

            <div class="carousel-item active">

                <img src="/static/14.JPG" class="d-block w-100" alt="rabees">

            </div>

            <div class="carousel-item">

                <img src="/static/001.JPG" class="d-block w-100" alt="rana">

            </div>

            <div class="carousel-item">

                <img src="/static/35.JPG" class="d-block w-100" alt="ribbi">

            </div>

        </div>

    </div>

</div>

</body>

</html><br><br><br><br><br>

*Harry.html*

{% load static %}

<nav class="navbar navbar-expand-lg navbar-dark bg-dark">

    <a class="navbar-brand" href="#">My Awesome Cart</a>

    <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">

      <span class="navbar-toggler-icon"></span>

    </button>

    <div class="collapse navbar-collapse" id="navbarSupportedContent">

      <ul class="navbar-nav mr-auto">

        <li class="nav-item active">

          <a class="nav-link" href="#">Home <span class="sr-only">(current)</span></a>

        </li>

        <li class="nav-item">

          <a class="nav-link" href="#">Link</a>

        </li>

        <li class="nav-item dropdown">

          <a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button" data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">

            Dropdown

          </a>

          <div class="dropdown-menu" aria-labelledby="navbarDropdown">

            <a class="dropdown-item" href="#">Action</a>

            <a class="dropdown-item" href="#">Another action</a>

            <div class="dropdown-divider"></div>

            <a class="dropdown-item" href="#">Something else here</a>

          </div>

        </li>

      <li class="nav-item">

        <a class="nav-link disabled" href="#" tabindex="-1" aria-disabled="true">Disabled</a>

      </li>

    </ul>

    <form class="form-inline my-2 my-lg-0">

      <input class="form-control mr-sm-2" type="search" placeholder="Search" aria-label="Search">

      <button class="btn btn-outline-success my-2 my-sm-0" type="submit">Search</button>

    </form>

  </div>

</nav>

<style>

    .col-md-3 {

        display: inline-block;

        margin-left: -4px;

    }

    .col-md-3 {

        width: 100%;

        height: auto;

    }

    body .carousel-control-indicator li {

        background-color: blue;

    }

    body .carousel-control-prev-icon body .carousel-control-next-icon {

        background-color: blue;

    }

    body .no-padding {

        padding-left: 0;

        padding-right: 0;

    }

    .carousel-control-prev-icon {

        background: black no-repeat center center;

        background-image: url("data:image/svg+xml,%3csvg xmlns='http://www.w3.org/2000/svg' fill='%23fff' viewBox='0 0 8 8'%3e%3cpath d='M5.25 0l-4 4 4 4 1.5-1.5-2.5-2.5 2.5-2.5-1.5-1.5z'/%3e%3c/svg%3e");

    }

    .carousel-control-next-icon {

        background: black no-repeat center center;

        background-image: url("data:image/svg+xml,%3csvg xmlns='http://www.w3.org/2000/svg' fill='%23fff' viewBox='0 0 8 8'%3e%3cpath d='M2.75 0l-1.5 1.5 2.5 2.5-2.5 2.5 1.5 1.5 4-4-4-4z'/%3e%3c/svg%3e");

    }

    body .carousel-indicators{

    bottom:0;

    }

    .carousel-indicators .active{

    background-color: blue;

    }

</style>

</head>

<body>

<!--nav bar code ends here-->

<!--        carousel indicators starts from here-->

<div class="container">

    <div id="demo" class="carousel slide my-3" data-ride="carousel">

<ul class="carousel-indicators">

  <li data-target="#demo" data-slide-to="0" class="active"></li>

  <li data-target="#demo" data-slide-to="1" ></li>

  <li data-target="#demo" data-slide-to="2" ></li>

</ul>

      <div class="carousel-inner">

        <div class="carousel-item active">

          <div class="row">

            <div class="col-xs-3 col-sm-3 col-md-3">

              <div class="card" style="width: 18rem;">

                <img src="..." class="card-img-top" alt="...">

                <div class="card-body">

                  <h5 class="card-title">Card title</h5>

                  <p class="card-text">Some quick example text to build on the card title and make up the bulk of the

                    card's content.</p>

                  <a href="#" class="btn btn-primary">Go somewhere</a>

                </div>

              </div>

            </div>

            <div class="col-xs-3 col-sm-3 col-md-3">

              <div class="card" style="width: 18rem;">

                <img src="..." class="card-img-top" alt="...">

                <div class="card-body">

                  <h5 class="card-title">Card title</h5>

                  <p class="card-text">Some quick example text to build on the card title and make up the bulk of the

                    card's content.</p>

                  <a href="#" class="btn btn-primary">Go somewhere</a>

                </div>

              </div>

            </div>

            <div class="col-xs-3 col-sm-3 col-md-3">

              <div class="card" style="width: 18rem;">

                <img src="..." class="card-img-top" alt="...">

                <div class="card-body">

                  <h5 class="card-title">Card title</h5>

                  <p class="card-text">Some quick example text to build on the card title and make up the bulk of the

                    card's content.</p>

                  <a href="#" class="btn btn-primary">Go somewhere</a>

                </div>

              </div>

            </div>

            <div class="col-xs-3 col-sm-3 col-md-3">

              <div class="card" style="width: 18rem;">

                <img src="..." class="card-img-top" alt="...">

                <div class="card-body">

                  <h5 class="card-title">Card title</h5>

                  <p class="card-text">Some quick example text to build on the card title and make up the bulk of the

                    card's content.</p>

                  <a href="#" class="btn btn-primary">Go somewhere</a>

                </div>

              </div>

            </div>

          </div>

        </div>

        <div class="carousel-item">

          <div class="row">

            <div class="col-xs-3 col-sm-3 col-md-3">

              <div class="card" style="width: 18rem;">

                <img src="..." class="card-img-top" alt="...">

                <div class="card-body">

                  <h5 class="card-title">Card title</h5>

                  <p class="card-text">Some quick example text to build on the card title and make up the bulk of the

                    card's content.</p>

                  <a href="#" class="btn btn-primary">Go somewhere</a>

                </div>

              </div>

            </div>

            <div class="col-xs-3 col-sm-3 col-md-3">

              <div class="card" style="width: 18rem;">

                <img src="..." class="card-img-top" alt="...">

                <div class="card-body">

                  <h5 class="card-title">Card title</h5>

                  <p class="card-text">Some quick example text to build on the card title and make up the bulk of the

                    card's content.</p>

                  <a href="#" class="btn btn-primary">Go somewhere</a>

                </div>

              </div>

            </div>

            <div class="col-xs-3 col-sm-3 col-md-3">

              <div class="card" style="width: 18rem;">

                <img src="..." class="card-img-top" alt="...">

                <div class="card-body">

                  <h5 class="card-title">Card title</h5>

                  <p class="card-text">Some quick example text to build on the card title and make up the bulk of the

                    card's content.</p>

                  <a href="#" class="btn btn-primary">Go somewhere</a>

                </div>

              </div>

            </div>

            <div class="col-xs-3 col-sm-3 col-md-3">

              <div class="card" style="width: 18rem;">

                <img src="..." class="card-img-top" alt="...">

                <div class="card-body">

                  <h5 class="card-title">Card title</h5>

                  <p class="card-text">Some quick example text to build on the card title and make up the bulk of the

                    card's content.</p>

                  <a href="#" class="btn btn-primary">Go somewhere</a>

                </div>

              </div>

            </div>

          </div>

        </div>

        <div class="carousel-item">

          <div class="row">

  <div class="col-xs-3 col-sm-3 col-md-3">

    <div class="card" style="width: 18rem;">

      <img src="..." class="card-img-top" alt="...">

      <div class="card-body">

        <h5 class="card-title">Card title</h5>

        <p class="card-text">Some quick example text to build on the card title and make up the bulk of the

          card's content.</p>

        <a href="#" class="btn btn-primary">Go somewhere</a>

      </div>

    </div>

  </div>

  <div class="col-xs-3 col-sm-3 col-md-3">

    <div class="card" style="width: 18rem;">

      <img src="..." class="card-img-top" alt="...">

      <div class="card-body">

        <h5 class="card-title">Card title</h5>

        <p class="card-text">Some quick example text to build on the card title and make up the bulk of the

          card's content.</p>

        <a href="#" class="btn btn-primary">Go somewhere</a>

      </div>

    </div>

  </div>

  <div class="col-xs-3 col-sm-3 col-md-3">

    <div class="card" style="width: 18rem;">

      <img src="..." class="card-img-top" alt="...">

      <div class="card-body">

        <h5 class="card-title">Card title</h5>

        <p class="card-text">Some quick example text to build on the card title and make up the bulk of the

          card's content.</p>

        <a href="#" class="btn btn-primary">Go somewhere</a>

      </div>

    </div>

  </div>

  <div class="col-xs-3 col-sm-3 col-md-3">

    <div class="card" style="width: 18rem;">

      <img src="..." class="card-img-top" alt="...">

      <div class="card-body">

        <h5 class="card-title">Card title</h5>

        <p class="card-text">Some quick example text to build on the card title and make up the bulk of the

          card's content.</p>

        <a href="#" class="btn btn-primary">Go somewhere</a>

      </div>

    </div>

  </div>

          </div>

        </div>

      </div>

    </div>

  </div>

<a class="carousel-control-prev " href="#demo" role="button" data-slide="prev">

    <span class="carousel-control-prev-icon" aria-hidden="true"></span>

    <span class="sr-only">Previous</span>

  </a>

  <a class="carousel-control-next" href="#demo" role="button" data-slide="next">

    <span class="carousel-control-next-icon" aria-hidden="true"></span>

    <span class="sr-only">Next</span>

  </a>

  <!doctype html>

  <html lang="en">

    <head>

      <!-- Required meta tags -->

      <meta charset="utf-8">

      <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">

      <!-- Bootstrap CSS -->

      <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.2.1/css/bootstrap.min.css" integrity="sha384-GJzZqFGwb1QTTN6wy59ffF1BuGJpLSa9DkKMp0DgiMDm4iYMj70gZWKYbI706tWS" crossorigin="anonymous">

      <title>Hello, world!</title>

        <style>

            .col-md-3

            {

            display: inline-block;

            margin-left:-4px;

            }

            .carousel-indicators .active {

            background-color: blue;

              }

            .col-md-3 img{

            width:100%;

            height:auto;

            }

            body .carousel-indicator li{

            background-color: blue;

            }

            body .carousel-indicators{

            bottom: 0;

            }

            body .carousel-control-prev-icon,

            body .carousel-control-next-icon{

            background-color: blue;

            }

             body .no-padding{

             padding-left : 0, padding-right  0;

             }

    </style>

    </head>

      <!-- Optional JavaScript -->

      <!-- jQuery first, then Popper.js, then Bootstrap JS -->

      <script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8i/X+965DzO0rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo" crossorigin="anonymous"></script>

      <script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.6/umd/popper.min.js" integrity="sha384-wHAiFfRlMFy6i5SRaxvfOCifBUQy1xHdJ/yoi7FRNXMRBu5WHdZYu1hA6ZOblgut" crossorigin="anonymous"></script>

      <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.2.1/js/bootstrap.min.js" integrity="sha384-B0UglyR+jN6CkvvICOB2joaf5I4l3gm9GU6Hc1og6Ls7i6U/mkkaduKaBhlAXv9k" crossorigin="anonymous"></script>

    </body>

  </html>

*Border*

*Spinners*

<div class="spinner-border text-primary" role="status">

<span class="visually-hidden">Loading...</span>

</div>

<div class="spinner-border text-secondary" role="status">

<span class="visually-hidden">Loading...</span>

</div>

<div class="spinner-border text-success" role="status">

<span class="visually-hidden">Loading...</span>

</div>

<div class="spinner-border text-danger" role="status">

<span class="visually-hidden">Loading...</span>

</div>

<div class="spinner-border text-warning" role="status">

<span class="visually-hidden">Loading...</span>

</div>

<div class="spinner-border text-info" role="status">

<span class="visually-hidden">Loading...</span>

</div>

<div class="spinner-border text-light" role="status">

<span class="visually-hidden">Loading...</span>

</div>

<div class="spinner-border text-dark" role="status">

<span class="visually-hidden">Loading...</span>

</div>

<div class="spinner-border" role="status">

<span class="visually-hidden">Loading...</span>

</div>

*Growing*

*Spinners*

<div class="spinner-grow text-primary" role="status">

<span class="visually-hidden">Loading...</span>

</div>

<div class="spinner-grow text-secondary" role="status">

<span class="visually-hidden">Loading...</span>

</div>

<div class="spinner-grow text-success" role="status">

<span class="visually-hidden">Loading...</span>

</div>

<div class="spinner-grow text-danger" role="status">

<span class="visually-hidden">Loading...</span>

</div>

<div class="spinner-grow text-warning" role="status">

<span class="visually-hidden">Loading...</span>

</div>

<div class="spinner-grow text-info" role="status">

<span class="visually-hidden">Loading...</span>

</div>

<div class="spinner-grow text-light" role="status">

<span class="visually-hidden">Loading...</span>

</div>

<div class="spinner-grow text-dark" role="status">

<span class="visually-hidden">Loading...</span>

</div>

*Size*

Add .spinner-border-sm and .spinner-grow-sm to make a smaller spinner that can quickly be used within other components.

Loading...

Loading...

Copy

<div class="spinner-border spinner-border-sm" role="status">

<span class="visually-hidden">Loading...</span>

</div>

<div class="spinner-grow spinner-grow-sm" role="status">

<span class="visually-hidden">Loading...</span>

</div>

Or, use custom CSS or inline styles to change the dimensions as needed.

Loading...

Loading...

Copy

<div class="spinner-border" style="width: 3rem; height: 3rem;" role="status">

<span class="visually-hidden">Loading...</span>

</div>

<div class="spinner-grow" style="width: 3rem; height: 3rem;" role="status">

<span class="visually-hidden">Loading...</span>

</div>

Buttons

Use spinners within buttons to indicate an action is currently processing or taking place. You may also swap the text out of the spinner element and utilize button text as needed.

Loading...  Loading...

Copy

<button class="btn btn-primary" type="button" disabled>

<span class="spinner-border spinner-border-sm" role="status" aria-hidden="true"></span>

<span class="visually-hidden">Loading...</span>

</button>

<button class="btn btn-primary" type="button" disabled>

<span class="spinner-border spinner-border-sm" role="status" aria-hidden="true"></span>

Loading...

</button>

Loading...  Loading...

Copy

<button class="btn btn-primary" type="button" disabled>

<span class="spinner-grow spinner-grow-sm" role="status" aria-hidden="true"></span>

<span class="visually-hidden">Loading...</span>

</button>

<button class="btn btn-primary" type="button" disabled>

<span class="spinner-grow spinner-grow-sm" role="status" aria-hidden="true"></span>

Loading...

</button>

*Row*

<div class="container">

<div class="row row-cols-2 row-cols-lg-5 g-2 g-lg-3">

<div class="col">

<div class="p-3 border bg-light">Row column</div>

</div>

<div class="col">

<div class="p-3 border bg-light">Row column</div>

</div>

<div class="col">

<div class="p-3 border bg-light">Row column</div>

</div>

<div class="col">

<div class="p-3 border bg-light">Row column</div>

</div>

<div class="col">

<div class="p-3 border bg-light">Row column</div>

</div>

<div class="col">

<div class="p-3 border bg-light">Row column</div>

</div>

<div class="col">

<div class="p-3 border bg-light">Row column</div>

</div>

<div class="col">

<div class="p-3 border bg-light">Row column</div>

</div>

<div class="col">

<div class="p-3 border bg-light">Row column</div>

</div>

<div class="col">

<div class="p-3 border bg-light">Row column</div> </div> </div></div>

*Messages*

<div aria-live="polite" aria-atomic="true" class="position-relative">

<!-- Position it: -->

<!-- - `.toast-container` for spacing between toasts -->

<!-- - `.position-absolute`, `top-0` & `end-0` to position the toasts in the upper right corner -->

<!-- - `.p-3` to prevent the toasts from sticking to the edge of the container -->

<div class="toast-container position-absolute top-0 end-0 p-3">

<!-- Then put toasts within -->

<div class="toast" role="alert" aria-live="assertive" aria-atomic="true">

<div class="toast-header">

<img src="..." class="rounded me-2" alt="...">

<strong class="me-auto">Bootstrap</strong>

<small class="text-muted">just now</small>

<button type="button" class="btn-close" data-bs-dismiss="toast" aria-label="Close"></button>

</div>

<div class="toast-body">

See? Just like this.

</div>

</div>

<div class="toast" role="alert" aria-live="assertive" aria-atomic="true">

<div class="toast-header">

<img src="..." class="rounded me-2" alt="...">

<strong class="me-auto">Bootstrap</strong>

<small class="text-muted">2 seconds ago</small>

<button type="button" class="btn-close" data-bs-dismiss="toast" aria-label="Close"></button>

</div>

<div class="toast-body">

Heads up, toasts will stack automatically

</div>

</div>

</div>

</div>

***Final URL’S***

from django.contrib import admin

from django.urls import path, include

from . import views

from django.urls import path

from django.conf.urls.static import static

from django.conf import settings

admin.site.site\_header = ""

admin.site.site\_title = ""

admin.site.index\_title = ""

urlpatterns = [

    path('admin/', admin.site.urls),

    path('',views.home,name='home'),

    path('about/',views.about,name='about'),

    path('contact/',views.contact,name='contact'),

    path('index/',views.index,name='index'),

    path('services/',views.services,name='services'),

    path('packages/',views.packages,name='packages'),

    path('partner/',views.partner,name='partner'),

    path('participent/',views.participent,name='participent'),

    path('adventurer/',views.adventurer,name='adventurer'),

    path('prize\_winner/',views.prize\_winner,name='prize\_winner'),

    path('invester/',views.invester,name='invester'),

    path('desired\_area/',views.desired\_area,name='desired\_area'),

    path('training\_learning/',views.training\_learning,name='training\_learning'),

    path('tasks/',views.tasks,name='tasks'),

    path('subcontact/',views.subcontact,name='subcontact'),

    path('earth/',include('earth.urls')),

    path('galaxy/',include('galaxy.urls')),

    path('jupiter/',include('jupiter.urls')),

    path('mars/',include('mars.urls')),

    path('sun/',include('sun.urls')),

    path('admin/', admin.site.urls),

    path('',views.home, name='home'),

    path('contact/',views.contact,name='contact'),

    path('index/',views.index, name='index'),

    path('intro/',views.intro,name='intro'),

    path('main/',views.main, name='main'),

    path('features/',views.features,name='features'),

    path('MDuniform/',views.MDuniform,name='MDuniform'),

    path('detail/',views.detail, name='detail'),

    path('CPU/', include('CPU.urls')),

] + static(settings.MEDIA\_URL, document\_root=settings.MEDIA\_ROOT)

print(static(settings.MEDIA\_URL, document\_root=settings.MEDIA\_ROOT))

***APPSURL***

from django.contrib import admin

from django.urls import path

from . import views

urlpatterns = [

    path('',views.home,name='home'),

    ]

***VIEWS.PY***

from datetime import date

import datetime

import email

from unicodedata import name

from urllib import request

from django.contrib import messages

from django.http import HttpResponse

from django.shortcuts import render

from . import views

from django.http import HttpResponse

from django.shortcuts import render

from sympy import hn1

from . import views

from datetime import datetime

from lunar.models import contact

from django.contrib import messages

# Create your views here.

def home(request):

    return render(request, 'home.html')

def index(request):

    return render(request, 'index.html')

def contact(request):

    return render(request, 'contact.html')

def about(request):

    return render(request, 'about.html')

def services(request):

    return render(request, 'services.html')

def partner(request):

    return render(request, 'partner.html')

def participent(request):

    return render(request, 'participent.html')

def packages(request):

    return render(request, 'packages.html')

def tasks(request):

    return render(request, 'tasks.html')

def adventurer(request):

    return render(request, 'adventurer.html')

def base(request):

    return render(request,'base.html')

def desired\_area(request):

    return render(request, 'desired\_area.html')

def discounts(request):

    return render(request, 'discounts.html')

def expertises(request):

    return render(request, 'expertises.html')

def invester(request):

    return render(request, 'invester.html')

def prize\_winner(request):

    return render(request, 'prize\_winner.html')

def procedures(request):

    return render(request, 'procedures.html')

def techniques(request):

    return render(request, 'techniques.html')

def training\_learning(request):

    return render(request, 'training\_learning.html')

def subcontact(request):

    if  request.method == "post":

        name = request.post.get('name')

        email = request.post.get('email')

        password = request.post.get('password')

    return render(request, 'subcontact.html')

def home(request):

    return HttpResponse("this is check for response")

# def home(request):

#     return render(request, 'home.html')

def index(request):

    return render(request, 'index.html')

def contact(request):

   return render(request, 'contact.html')

def about(request):

    return render(request, 'about.html')

def contact(request):

    if  request.method == "post":

        name = request.post.get('name')

        email = request.post.get('email')

        phone = request.post.get('phone')

        desc = request.post.get('desc')

        contact=contact(name=name,email=email,phone=phone,desc=desc, date=(datetime.today))

        contact.save()

        messages.success(request, 'your message has been sent')

        return render(request, 'contact.html')

from re import A

from ssl import Purpose

from django.http import HttpResponse

from django.shortcuts import render

from . import views

from CPU.models import uniform

def home(request):

    return render(request,'home.html')

def index(request):

    return render(request,'index.html')

def MDuniform(request):

    n = ''

    if request.method=='POST':

        shirt = request.POST.get('shirt')

        Banyan  = request.POST.get( 'Banyan')

        pent     = request.POST.get( 'pent')

        underware  = request.POST.get('underware')

        sweater    = request.POST.get('sweater')

        tie        = request.POST.get('tie')

        data = uniform(shirt=shirt,Banyan=Banyan,pent=pent,underware=underware,sweater=sweater,tie=tie)

        data.save()

        n = 'aap ka data ja chuka hey wahan check karain bhai samjhay data inserted'

    return render(request,"contact.html",{'n':n})

def contact(request):

    return render(request,'contact.html')

def text(request):

    Atext=request.GET.get('text','default')

    rpu=request.GET.get('rpu','off')

    upper=request.GET.get('upper','off')

    # print(rpu)

    # print(Atext)

    if rpu == "on" :

        # analyzed=Atext

        punctuations = ''' ? ` , : , @  ; ,% ^ <<,,,>>>..!!!| “ ”, \_ - ( ), { },[ ] ,  ,\*, \\\::"""'  ~ , / , , #,$, &  '''

        analyzed=""

        for i in Atext:

            if i not in punctuations:

               analyzed=analyzed+i

        data={'rpu': rpu , 'btext': analyzed }

        return render(request,'text.html', data)

    elif(upper == "on") :

        punctuations = '''?`,:,@;,%^<<,,,>>>{..!!!|“”,\_-(),,[],,\*,\\\}::"""'~,/,,#,$,&'''

        analyzed=""

        for i in Atext:

            if i not in punctuations:

               analyzed=analyzed + i.upper()

        data={'rpu': rpu , 'btext': analyzed }

        return render(request,'text.html', data)

    else:

        return HttpResponse(" sab ghalat kar diya khaotay tou hay hi AQAL say paidal ")

def intro(request):

    return render(request,'intro.html')

def main(request):

    return render(request,'main.html')

def features(request):

    return render(request,'features.html')

def detail(request):

    return render(request,'detail.html')

***APP VIEWS***

from django.http import HttpResponse

from django.shortcuts import render

from . import views

# Create your views here.

def home(request):

    data = {'v' : "THIS IS MY CITY VIEW"}

    return render(request,'earth/home.html', data )

*Colors of placeholders*

<span class="placeholder col-12"></span>

<span class="placeholder col-12 bg-primary"></span>

<span class="placeholder col-12 bg-secondary"></span>

<span class="placeholder col-12 bg-success"></span>

<span class="placeholder col-12 bg-danger"></span>

<span class="placeholder col-12 bg-warning"></span>

<span class="placeholder col-12 bg-info"></span>

<span class="placeholder col-12 bg-light"></span>

<span class="placeholder col-12 bg-dark"></span>

*Profile*

<button type="button" class="btn btn-primary position-relative">

Profile

<span class="position-absolute top-0 start-100 translate-middle p-2 bg-danger border border-light rounded-circle">

<span class="visually-hidden">New alerts</span>

</span>

</button>

*Inbox*

<button type="button" class="btn btn-primary position-relative">

Inbox

<span class="position-absolute top-0 start-100 translate-middle badge rounded-pill bg-danger">

99+

<span class="visually-hidden">unread messages</span>

</span>

</button>

*Notifications*

<button type="button" class="btn btn-primary">

Notifications <span class="badge bg-secondary">4</span>

</button>

*Additional*

*Contents*

<div class="alert alert-success" role="alert">

<h4 class="alert-heading">Well done!</h4>

<p>Aww yeah, you successfully read this important alert message. This example text is going to run a bit longer so that you can see how spacing within an alert works with this kind of content.</p>

<hr>

<p class="mb-0">Whenever you need to, be sure to use margin utilities to keep things nice and tidy.</p>

</div>

*Icons*

<svg xmlns="http://www.w3.org/2000/svg" style="display: none;">

<symbol id="check-circle-fill" fill="currentColor" viewBox="0 0 16 16">

<path d="M16 8A8 8 0 1 1 0 8a8 8 0 0 1 16 0zm-3.97-3.03a.75.75 0 0 0-1.08.022L7.477 9.417 5.384 7.323a.75.75 0 0 0-1.06 1.06L6.97 11.03a.75.75 0 0 0 1.079-.02l3.992-4.99a.75.75 0 0 0-.01-1.05z"/>

</symbol>

<symbol id="info-fill" fill="currentColor" viewBox="0 0 16 16">

<path d="M8 16A8 8 0 1 0 8 0a8 8 0 0 0 0 16zm.93-9.412-1 4.705c-.07.34.029.533.304.533.194 0 .487-.07.686-.246l-.088.416c-.287.346-.92.598-1.465.598-.703 0-1.002-.422-.808-1.319l.738-3.468c.064-.293.006-.399-.287-.47l-.451-.081.082-.381 2.29-.287zM8 5.5a1 1 0 1 1 0-2 1 1 0 0 1 0 2z"/>

</symbol>

<symbol id="exclamation-triangle-fill" fill="currentColor" viewBox="0 0 16 16">

<path d="M8.982 1.566a1.13 1.13 0 0 0-1.96 0L.165 13.233c-.457.778.091 1.767.98 1.767h13.713c.889 0 1.438-.99.98-1.767L8.982 1.566zM8 5c.535 0 .954.462.9.995l-.35 3.507a.552.552 0 0 1-1.1 0L7.1 5.995A.905.905 0 0 1 8 5zm.002 6a1 1 0 1 1 0 2 1 1 0 0 1 0-2z"/>

</symbol>

</svg>

<div class="alert alert-primary d-flex align-items-center" role="alert">

<svg class="bi flex-shrink-0 me-2" width="24" height="24" role="img" aria-label="Info:"><use xlink:href="#info-fill"/></svg>

<div>

An example alert with an icon

</div>

</div>

<div class="alert alert-success d-flex align-items-center" role="alert">

<svg class="bi flex-shrink-0 me-2" width="24" height="24" role="img" aria-label="Success:"><use xlink:href="#check-circle-fill"/></svg>

<div>

An example success alert with an icon

</div>

</div>

<div class="alert alert-warning d-flex align-items-center" role="alert">

<svg class="bi flex-shrink-0 me-2" width="24" height="24" role="img" aria-label="Warning:"><use xlink:href="#exclamation-triangle-fill"/></svg>

<div>

An example warning alert with an icon

</div>

</div>

<div class="alert alert-danger d-flex align-items-center" role="alert">

<svg class="bi flex-shrink-0 me-2" width="24" height="24" role="img" aria-label="Danger:"><use xlink:href="#exclamation-triangle-fill"/></svg>

<div>

An example danger alert with an icon

</div>

</div>

*Dropup*

<!-- Default dropup button -->

<div class="btn-group dropup">

<button type="button" class="btn btn-secondary dropdown-toggle" data-bs-toggle="dropdown" aria-expanded="false">

Dropup

</button>

<ul class="dropdown-menu">

<!-- Dropdown menu links -->

</ul>

</div>

*Dropdown*

<!-- Split dropup button -->

<div class="btn-group dropup">

<button type="button" class="btn btn-secondary">

Split dropup

</button>

<button type="button" class="btn btn-secondary dropdown-toggle dropdown-toggle-split" data-bs-toggle="dropdown" aria-expanded="false">

<span class="visually-hidden">Toggle Dropdown</span>

</button>

<ul class="dropdown-menu">

<!-- Dropdown menu links -->

</ul>

</div>

*Dropright*

<!-- Default dropend button -->

<div class="btn-group dropend">

<button type="button" class="btn btn-secondary dropdown-toggle" data-bs-toggle="dropdown" aria-expanded="false">

Dropright

</button>

<ul class="dropdown-menu">

<!-- Dropdown menu links -->

</ul>

</div>

<!-- Split dropend button -->

<div class="btn-group dropend">

<button type="button" class="btn btn-secondary">

Split dropend

</button>

<button type="button" class="btn btn-secondary dropdown-toggle dropdown-toggle-split" data-bs-toggle="dropdown" aria-expanded="false">

<span class="visually-hidden">Toggle Dropright</span>

</button>

<ul class="dropdown-menu">

<!-- Dropdown menu links -->

</ul>

</div>

*Dropleft*

<!-- Default dropstart button -->

<div class="btn-group dropstart">

<button type="button" class="btn btn-secondary dropdown-toggle" data-bs-toggle="dropdown" aria-expanded="false">

Dropstart

</button>

<ul class="dropdown-menu">

<!-- Dropdown menu links -->

</ul>

</div>

<!-- Split dropstart button -->

<div class="btn-group">

<div class="btn-group dropstart" role="group">

<button type="button" class="btn btn-secondary dropdown-toggle dropdown-toggle-split" data-bs-toggle="dropdown" aria-expanded="false">

<span class="visually-hidden">Toggle Dropstart</span>

</button>

<ul class="dropdown-menu">

<!-- Dropdown menu links -->

</ul>

</div>

<button type="button" class="btn btn-secondary">

Split dropstart

</button>

</div>

*Clours dropdown*

<ul class="dropdown-menu">

<li><a class="dropdown-item" href="#">Regular link</a></li>

<li><a class="dropdown-item active" href="#" aria-current="true">Active link</a></li>

<li><a class="dropdown-item" href="#">Another link</a></li>

</ul>

*Shadows*

<div class="shadow-none p-3 mb-5 bg-light rounded">No shadow</div>

<div class="shadow-sm p-3 mb-5 bg-body rounded">Small shadow</div>

<div class="shadow p-3 mb-5 bg-body rounded">Regular shadow</div>

<div class="shadow-lg p-3 mb-5 bg-body rounded">Larger shadow</div>

***MAIN HTML HEAD***

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3" crossorigin="anonymous">

    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js" integrity="sha384-ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+IlRH9sENBO0LRn5q+8nbTov4+1p" crossorigin="anonymous">

</script>

</head>

***LATEST CSS***

***Slider***

<!DOCTYPE html> {% load static %}

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <link rel="stylesheet" href="{% static 'css/style.css'%}">

    <title>climate</title>

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3" crossorigin="anonymous">

    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js" integrity="sha384-ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+IlRH9sENBO0LRn5q+8nbTov4+1p" crossorigin="anonymous">

</script>

</head>

</head>

<body>

    <style>

        body {

            background-color: rgb(61, 10, 145);

        }

        h1 {

            font-size: 2rem;

            font-style: italic;

            line-height: 0.4;

            letter-spacing: 1.5rem;

            text-align: center;

            color: rgb(19, 241, 149);

            margin-top: 50px;

        }

        .maindiv {

            width: 1265px;

            height: 600px;

            position: center;

            transform: translate(-50% -50%);

            background-size: 100% 100%;

            border: rgb(235, 8, 8);

            box-shadow: 5px 25px 35px 35px rgb(10, 236, 161);

            animation: slider 30s infinite linear;

        }

        @keyframes slider {

            0% {

                background-image: url('{% static "images/7.jpg" %}');

            }

            30% {

                background-image: url('{% static "images/8.jpg" %}');

            }

            50% {

                background-image: url('{% static "images/9.jpg" %}');

            }

            60% {

                background-image: url('{% static "images/67.jpg" %}');

            }

            80% {

                background-image: url('{% static "images/40.jpg" %}');

            }

        }

    </style>

    <body>

        <h1>slider animation</h1>

        <div class="maindiv "></div>

    </body>

</body>

</html>

*SETTINGS.PY*

*STEP BY STEP*

*PUT*

*(1)*import os

from pathlib import Path

# Build paths inside the project like this: BASE\_DIR / 'subdir'.

BASE\_DIR = Path(\_\_file\_\_).resolve().parent.parent

TEMPLATE\_DIR = os.path.join(BASE\_DIR, 'templates')

STATIC\_DIR = os.path.join(BASE\_DIR,  'static')

*(2)* 'DIRS': [TEMPLATE\_DIR],

*(3)* # Database

# https://docs.djangoproject.com/en/4.0/ref/settings/#databases

DATABASES = {

    'default': {

        'ENGINE': 'django.db.backends.sqlite3',

        'NAME': os.path.join(BASE\_DIR,"db.sqlite3")

    }

}

# Static files (CSS, JavaScript, Images)

# https://docs.djangoproject.com/en/4.0/howto/static-files/

*(4)*STATIC\_URL = '/static/'

MEDIA\_URL = '/media/'

STATICFILES\_DIRS = [STATIC\_DIR,]

MEDIA\_ROOT = BASE\_DIR / 'media'

# Default primary key field type

# https://docs.djangoproject.com/en/4.0/ref/settings/#default-auto-field

DEFAULT\_AUTO\_FIELD = 'django.db.models.BigAutoField'

*Dashify view page sourse*

|  |  |
| --- | --- |
|  | <!doctype html><html lang="en"> |
|  | <head> |
|  | <meta charset="utf-8"> |
|  | <title>New Tab</title> |
|  | <base href="[/](chrome-extension://jejdbiedgkidmmbbnkekdlfkkklckbdd/)"> |
|  | <meta name="viewport" content="width=device-width, initial-scale=1"> |
|  | <link rel="stylesheet" id="app-theme" href="[assets/themes/dark.css](chrome-extension://jejdbiedgkidmmbbnkekdlfkkklckbdd/assets/themes/dark.css)"> |
|  | </head> |
|  | <body> |
|  | <app-root></app-root> |
|  | <script src="[runtime-es2015.js](chrome-extension://jejdbiedgkidmmbbnkekdlfkkklckbdd/runtime-es2015.js)" type="module"></script><script src="[runtime-es5.js](chrome-extension://jejdbiedgkidmmbbnkekdlfkkklckbdd/runtime-es5.js)" nomodule defer></script><script src="[polyfills-es5.js](chrome-extension://jejdbiedgkidmmbbnkekdlfkkklckbdd/polyfills-es5.js)" nomodule defer></script><script src="[polyfills-es2015.js](chrome-extension://jejdbiedgkidmmbbnkekdlfkkklckbdd/polyfills-es2015.js)" type="module"></script><script src="[styles-es2015.js](chrome-extension://jejdbiedgkidmmbbnkekdlfkkklckbdd/styles-es2015.js)" type="module"></script><script src="[styles-es5.js](chrome-extension://jejdbiedgkidmmbbnkekdlfkkklckbdd/styles-es5.js)" nomodule defer></script><script src="[scripts.js](chrome-extension://jejdbiedgkidmmbbnkekdlfkkklckbdd/scripts.js)" defer></script><script src="[vendor-es2015.js](chrome-extension://jejdbiedgkidmmbbnkekdlfkkklckbdd/vendor-es2015.js)" type="module"></script><script src="[vendor-es5.js](chrome-extension://jejdbiedgkidmmbbnkekdlfkkklckbdd/vendor-es5.js)" nomodule defer></script><script src="[main-es2015.js](chrome-extension://jejdbiedgkidmmbbnkekdlfkkklckbdd/main-es2015.js)" type="module"></script><script src="[main-es5.js](chrome-extension://jejdbiedgkidmmbbnkekdlfkkklckbdd/main-es5.js)" nomodule defer></script></body> |
|  | </html> |
|  |  |

*First when website start*

|  |  |
| --- | --- |
|  |  |
|  | <!doctype html> |
|  |  |
|  | <html lang="en-us" dir="ltr"> |
|  | <head> |
|  | <meta charset="utf-8"> |
|  | <title>The install worked successfully! Congratulations!</title> |
|  | <meta name="viewport" content="width=device-width, initial-scale=1"> |
|  | <link rel="stylesheet" type="text/css" href="[/static/admin/css/fonts.css](http://127.0.0.1:8000/static/admin/css/fonts.css)"> |
|  | <style> |
|  | html { |
|  | line-height: 1.15; |
|  | } |
|  | a { |
|  | color: #19865C; |
|  | } |
|  | header { |
|  | border-bottom: 1px solid #efefef; |
|  | } |
|  | body { |
|  | max-width: 960px; |
|  | color: #525252; |
|  | font-family: Roboto, sans-serif; |
|  | margin: 0 auto; |
|  | } |
|  | main { |
|  | text-align: center; |
|  | } |
|  | h1, h2, h3, h4, h5, p, ul { |
|  | padding: 0; |
|  | margin: 0; |
|  | font-weight: 400; |
|  | } |
|  | header { |
|  | display: grid; |
|  | grid-template-columns: auto auto; |
|  | align-items: self-end; |
|  | justify-content: space-between; |
|  | gap: 7px; |
|  | padding-top: 20px; |
|  | padding-bottom: 10px; |
|  | } |
|  | .logo { |
|  | font-weight: 700; |
|  | font-size: 1.375rem; |
|  | text-decoration: none; |
|  | } |
|  | .figure { |
|  | margin-top: 19vh; |
|  | max-width: 265px; |
|  | position: relative; |
|  | z-index: -9; |
|  | overflow: visible; |
|  | } |
|  | .exhaust\_\_line { |
|  | animation: thrust 70ms 100 ease-in-out alternate; |
|  | } |
|  | .smoke { |
|  | animation: smoke .1s 70 ease-in-out alternate; |
|  | } |
|  | @keyframes smoke { |
|  | 0% { |
|  | transform: translate3d(-5px, 0, 0); |
|  | } |
|  | 100% { |
|  | transform: translate3d(5px, 0, 0); |
|  | } |
|  | } |
|  | .flame { |
|  | animation: burnInner2 .1s 70 ease-in-out alternate; |
|  | } |
|  | @keyframes burnInner2 { |
|  | 0% { |
|  | transform: translate3d(0, 0, 0); |
|  | } |
|  | 100% { |
|  | transform: translate3d(0, 3px, 0); |
|  | } |
|  | } |
|  | @keyframes thrust { |
|  | 0% { |
|  | opacity: 1; |
|  | } |
|  | 100% { |
|  | opacity: .5; |
|  | } |
|  | } |
|  | @media (prefers-reduced-motion: reduce) { |
|  | .exhaust\_\_line, |
|  | .smoke, |
|  | .flame { |
|  | animation: none; |
|  | } |
|  | } |
|  | h1 { |
|  | font-size: 1.375rem; |
|  | max-width: 32rem; |
|  | margin: 5px auto 0; |
|  | } |
|  | main p { |
|  | line-height: 1.25; |
|  | max-width: 26rem; |
|  | margin: 15px auto 0; |
|  | } |
|  | footer { |
|  | display: grid; |
|  | grid-template-columns: 1fr 1fr 1fr; |
|  | gap: 5px; |
|  | padding: 25px 0; |
|  | position: fixed; |
|  | box-sizing: border-box; |
|  | left: 50%; |
|  | bottom: 0; |
|  | width: 960px; |
|  | transform: translateX(-50%); |
|  | transform-style: preserve-3d; |
|  | border-top: 1px solid #efefef; |
|  | } |
|  | .option { |
|  | display: grid; |
|  | grid-template-columns: min-content 1fr; |
|  | gap: 10px; |
|  | box-sizing: border-box; |
|  | text-decoration: none; |
|  | } |
|  | .option svg { |
|  | width: 1.5rem; |
|  | height: 1.5rem; |
|  | fill: gray; |
|  | border: 1px solid #d6d6d6; |
|  | padding: 5px; |
|  | border-radius: 100%; |
|  | } |
|  | .option p { |
|  | font-weight: 300; |
|  | line-height: 1.25; |
|  | color: #525252; |
|  | display: table; |
|  | } |
|  | .option .option\_\_heading { |
|  | color: #19865C; |
|  | font-size: 1.25rem; |
|  | font-weight: 400; |
|  | } |
|  | @media (max-width: 996px) { |
|  | body, footer { |
|  | max-width: 780px; |
|  | } |
|  | } |
|  | @media (max-width: 800px) { |
|  | footer { |
|  | height: 100%; |
|  | grid-template-columns: 1fr; |
|  | gap: 60px; |
|  | position: relative; |
|  | padding: 25px; |
|  | } |
|  | .figure { |
|  | margin-top: 10px; |
|  | } |
|  | main { |
|  | padding: 0 25px; |
|  | } |
|  | main h1 { |
|  | font-size: 1.25rem; |
|  | } |
|  | header { |
|  | grid-template-columns: 1fr; |
|  | padding-left: 20px; |
|  | padding-right: 20px; |
|  | } |
|  | footer { |
|  | width: 100%; |
|  | margin-top: 50px; |
|  | } |
|  | } |
|  | @media (min-width: 801px) and (max-height: 730px) { |
|  | .figure { |
|  | margin-top: 80px; |
|  | } |
|  | } |
|  | @media (min-width: 801px) and (max-height: 600px) { |
|  | footer { |
|  | position: relative; |
|  | margin: 135px auto 0; |
|  | } |
|  | .figure { |
|  | margin-top: 50px; |
|  | } |
|  | } |
|  | .sr-only { |
|  | clip: rect(1px, 1px, 1px, 1px); |
|  | clip-path: inset(50%); |
|  | height: 1px; |
|  | overflow: hidden; |
|  | position: absolute; |
|  | white-space: nowrap; |
|  | width: 1px; |
|  | } |
|  | </style> |
|  | </head> |
|  | <body> |
|  | <header> |
|  | <a class="logo" href="<https://www.djangoproject.com/>" target="\_blank" rel="noopener"> |
|  | django |
|  | </a> |
|  | <p>View <a href="<https://docs.djangoproject.com/en/4.0/releases/>" target="\_blank" rel="noopener">release notes</a> for Django 4.0</p> |
|  | </header> |
|  | <main> |
|  | <svg class="figure" viewBox="0 0 508 268" aria-hidden="true"> |
|  | <path d="M305.2 156.6c0 4.6-.5 9-1.6 13.2-2.5-4.4-5.6-8.4-9.2-12-4.6-4.6-10-8.4-16-11.2 2.8-11.2 4.5-22.9 5-34.6 1.8 1.4 3.5 2.9 5 4.5 10.5 10.3 16.8 24.5 16.8 40.1zm-75-10c-6 2.8-11.4 6.6-16 11.2-3.5 3.6-6.6 7.6-9.1 12-1-4.3-1.6-8.7-1.6-13.2 0-15.7 6.3-29.9 16.6-40.1 1.6-1.6 3.3-3.1 5.1-4.5.6 11.8 2.2 23.4 5 34.6z" fill="#2E3B39" fill-rule="nonzero"/> |
|  | <path d="M282.981 152.6c16.125-48.1 6.375-104-29.25-142.6-35.625 38.5-45.25 94.5-29.25 142.6h58.5z" stroke="#FFF" stroke-width="3.396" fill="#6DDCBD"/> |
|  | <path d="M271 29.7c-4.4-10.6-9.9-20.6-16.6-29.7-6.7 9-12.2 19-16.6 29.7H271z" stroke="#FFF" stroke-width="3" fill="#2E3B39"/> |
|  | <circle fill="#FFF" cx="254.3" cy="76.8" r="15.5"/> |
|  | <circle stroke="#FFF" stroke-width="7" fill="#6DDCBD" cx="254.3" cy="76.8" r="12.2"/> |
|  | <path class="smoke" d="M507.812 234.24c0-2.16-.632-4.32-1.58-6.24-3.318-6.72-11.85-11.52-21.804-11.52-1.106 0-2.212.12-3.318.24-.474-11.52-12.956-20.76-28.282-20.76-3.318 0-6.636.48-9.638 1.32-4.74-6.72-14.062-11.28-24.806-11.28-.79 0-1.58 0-2.37.12-.79 0-1.58-.12-2.37-.12-10.744 0-20.066 4.56-24.806 11.28a35.326 35.326 0 00-9.638-1.32c-15.642 0-28.282 9.6-28.282 21.48 0 1.32.158 2.76.474 3.96a26.09 26.09 0 00-4.424-.36c-8.058 0-15.01 3.12-19.118 7.8-3.476-1.68-7.742-2.76-12.324-2.76-12.008 0-21.804 7.08-22.752 15.96h-.158c-9.322 0-17.38 4.32-20.856 10.44-4.108-3.6-10.27-6-17.222-6h-1.264c-6.794 0-12.956 2.28-17.222 6-3.476-6.12-11.534-10.44-20.856-10.44h-.158c-.948-9-10.744-15.96-22.752-15.96-4.582 0-8.69.96-12.324 2.76-4.108-4.68-11.06-7.8-19.118-7.8-1.422 0-3.002.12-4.424.36.316-1.32.474-2.64.474-3.96 0-11.88-12.64-21.48-28.282-21.48-3.318 0-6.636.48-9.638 1.32-4.74-6.72-14.062-11.28-24.806-11.28-.79 0-1.58 0-2.37.12-.79 0-1.58-.12-2.37-.12-10.744 0-20.066 4.56-24.806 11.28a35.326 35.326 0 00-9.638-1.32c-15.326 0-27.808 9.24-28.282 20.76-1.106-.12-2.212-.24-3.318-.24-9.954 0-18.486 4.8-21.804 11.52-.948 1.92-1.58 4.08-1.58 6.24 0 4.8 2.528 9.12 6.636 12.36-.79 1.44-1.264 3.12-1.264 4.8 0 7.2 7.742 13.08 17.222 13.08h462.15c9.48 0 17.222-5.88 17.222-13.08 0-1.68-.474-3.36-1.264-4.8 4.582-3.24 7.11-7.56 7.11-12.36z" fill="#E6E9EE"/> |
|  | <path fill="#6DDCBD" d="M239 152h30v8h-30z"/> |
|  | <path class="exhaust\_\_line" fill="#E6E9EE" d="M250 172h7v90h-7z"/> |
|  | <path class="flame" d="M250.27 178.834l-5.32-8.93s-2.47-5.7 3.458-6.118h10.26s6.232.266 3.306 6.194l-5.244 8.93s-3.23 4.37-6.46 0v-.076z" fill="#AA2247"/> |
|  | </svg> |
|  | <h1>The install worked successfully! Congratulations!</h1> |
|  | <p>You are seeing this page because <a href="<https://docs.djangoproject.com/en/4.0/ref/settings/#debug>" target="\_blank" rel="noopener">DEBUG=True</a> is in your settings file and you have not configured any URLs.</p> |
|  | </main> |
|  | <footer> |
|  | <a class="option" href="<https://docs.djangoproject.com/en/4.0/>" target="\_blank" rel="noopener"> |
|  | <svg viewBox="0 0 24 24" aria-hidden="true"> |
|  | <path d="M9 21c0 .55.45 1 1 1h4c.55 0 1-.45 1-1v-1H9v1zm3-19C8.14 2 5 5.14 5 9c0 2.38 1.19 4.47 3 5.74V17c0 .55.45 1 1 1h6c.55 0 1-.45 1-1v-2.26c1.81-1.27 3-3.36 3-5.74 0-3.86-3.14-7-7-7zm2.85 11.1l-.85.6V16h-4v-2.3l-.85-.6A4.997 4.997 0 017 9c0-2.76 2.24-5 5-5s5 2.24 5 5c0 1.63-.8 3.16-2.15 4.1z"></path> |
|  | </svg> |
|  | <p> |
|  | <span class="option\_\_heading">Django Documentation</span><span class="sr-only">.</span><br> |
|  | Topics, references, &amp; how-to’s |
|  | </p> |
|  | </a> |
|  | <a class="option" href="<https://docs.djangoproject.com/en/4.0/intro/tutorial01/>" target="\_blank" rel="noopener"> |
|  | <svg viewBox="0 0 24 24" aria-hidden="true"> |
|  | <path d="M9.4 16.6L4.8 12l4.6-4.6L8 6l-6 6 6 6 1.4-1.4zm5.2 0l4.6-4.6-4.6-4.6L16 6l6 6-6 6-1.4-1.4z"></path> |
|  | </svg> |
|  | <p> |
|  | <span class="option\_\_heading">Tutorial: A Polling App</span><span class="sr-only">.</span><br> |
|  | Get started with Django |
|  | </p> |
|  | </a> |
|  | <a class="option" href="<https://www.djangoproject.com/community/>" target="\_blank" rel="noopener"> |
|  | <svg viewBox="0 0 24 24" aria-hidden="true"> |
|  | <path d="M16.5 13c-1.2 0-3.07.34-4.5 1-1.43-.67-3.3-1-4.5-1C5.33 13 1 14.08 1 16.25V19h22v-2.75c0-2.17-4.33-3.25-6.5-3.25zm-4 4.5h-10v-1.25c0-.54 2.56-1.75 5-1.75s5 1.21 5 1.75v1.25zm9 0H14v-1.25c0-.46-.2-.86-.52-1.22.88-.3 1.96-.53 3.02-.53 2.44 0 5 1.21 5 1.75v1.25zM7.5 12c1.93 0 3.5-1.57 3.5-3.5S9.43 5 7.5 5 4 6.57 4 8.5 5.57 12 7.5 12zm0-5.5c1.1 0 2 .9 2 2s-.9 2-2 2-2-.9-2-2 .9-2 2-2zm9 5.5c1.93 0 3.5-1.57 3.5-3.5S18.43 5 16.5 5 13 6.57 13 8.5s1.57 3.5 3.5 3.5zm0-5.5c1.1 0 2 .9 2 2s-.9 2-2 2-2-.9-2-2 .9-2 2-2z"></path> |
|  | </svg> |
|  | <p> |
|  | <span class="option\_\_heading">Django Community</span><span class="sr-only">.</span><br> |
|  | Connect, get help, or contribute |
|  | </p> |
|  | </a> |
|  | </footer> |
|  | </body> |
|  | </html> |
|  |  |

*Cards*

*(index.htl)*

<!doctype html>

<html lang="en">

<head>

    <!-- Required meta tags -->

    <meta charset="utf-8">

    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">

    <!-- Bootstrap CSS -->

    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/css/bootstrap.min.css" integrity="sha384-Vkoo8x4CGsO3+Hhxv8T/Q5PaXtkKtu6ug5TOeNV6gBiFeWPGFN9MuhOf23Q9Ifjh" crossorigin="anonymous">

    <title>index</title>

</head>

<body>

    <nav class="navbar navbar-expand-lg navbar-dark bg-dark">

        <a class="navbar-brand" href="#">business education</a>

        <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">

    <span class="navbar-toggler-icon"></span>

  </button>

        <div class="collapse navbar-collapse" id="navbarSupportedContent">

            <ul class="navbar-nav mr-auto">

                <li class="nav-item active">

                    <a class="nav-link" href="/">Home <span class="sr-only">(current)</span></a>

                </li>

                <li class="nav-item">

                    <a class="nav-link" href="/about">About Us</a>

                </li>

                <li class="nav-item dropdown">

                    <a class="nav-link dropdown-toggle" href="/services" id="navbarDropdown" role="button" data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">

          Services

        </a>

                    <div class="dropdown-menu" aria-labelledby="navbarDropdown">

                        <a class="dropdown-item" href="/services">educational meetings</a>

                        <a class="dropdown-item" href="#">syllabus </a>

                        <div class="dropdown-divider"></div>

                        <a class="dropdown-item" href="#">planning</a>

                    </div>

                </li>

                <li class="nav-item">

                    <a class="nav-link" href="/winter">Contact Us</a>

                </li>

            </ul>

            <form class="form-inline my-2 my-lg-0">

                <input class="form-control mr-sm-2" type="search" placeholder="Search" aria-label="Search">

                <button class="btn btn-outline-success my-2 my-sm-0" type="submit">Search</button>

            </form>

        </div>

    </nav>

    <!--

    {% if messages %} {% for message in messages %}

    <div class="alert alert-{{ message.tags }} alert-dismissible fade show my-0" role="alert">

        <strong>{{ message }}</strong>

        <button type="button" class="close" data-dismiss="alert" aria-label="Close">

    <span aria-hidden="true">&times;</span>

  </button>

    </div>

    {% endfor %} {% endif %} -->

    <!-- Optional JavaScript -->

    <!-- jQuery first, then Popper.js, then Bootstrap JS -->

    <script src="https://code.jquery.com/jquery-3.4.1.slim.min.js" integrity="sha384-J6qa4849blE2+poT4WnyKhv5vZF5SrPo0iEjwBvKU7imGFAV0wwj1yYfoRSJoZ+n" crossorigin="anonymous"></script>

    <script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.0/dist/umd/popper.min.js" integrity="sha384-Q6E9RHvbIyZFJoft+2mJbHaEWldlvI9IOYy5n3zV9zzTtmI3UksdQRVvoxMfooAo" crossorigin="anonymous"></script>

    <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/js/bootstrap.min.js" integrity="sha384-wfSDF2E50Y2D1uUdj0O3uMBJnjuUD4Ih7YwaYd1iqfktj0Uod8GCExl3Og8ifwB6" crossorigin="anonymous"></script>

</body>

<div class="container-fluid px-0">

    <div id="carouselExampleCaptions" class="carousel slide" data-ride="carousel">

        <ol class="carousel-indicators">

            <li data-target="#carouselExampleCaptions" data-slide-to="0" class="active"></li>

            <li data-target="#carouselExampleCaptions" data-slide-to="1"></li>

            <li data-target="#carouselExampleCaptions" data-slide-to="2"></li>

        </ol>

    </div>

    <div class="carousel-inner">

        <div class="carousel-item active">

            <img src="https://source.unsplash.com/1200x900/?nature,america" class="d-block w-100" alt="...">

            <div class="carousel-caption d-none d-md-block">

                <h5>Welcome to the best educational system of TAXILA </h5>

                <p>WE PROVIDE A BEST FUTURE TO NATION</p>

            </div>

        </div>

        <div class="carousel-item">

            <img src="https://source.unsplash.com/1200x900/?nature,waterfall" class="d-block w-100" alt="...">

            <div class="carousel-caption d-none d-md-block">

                <h5>We work only as a volunteer </h5>

                <p>we are not here to make money</p>

            </div>

        </div>

        <div class="carousel-item">

            <img src="https://source.unsplash.com/1200x900/?nature,mountains" class="d-block w-100" alt="...">

            <div class="carousel-caption d-none d-md-block">

                <h5>this is our advertising site</h5>

                <p>This educational mission is started by Honurable President IMRAN KHAN</p>

            </div>

        </div>

    </div>

    <a class="carousel-control-prev" href="#carouselExampleCaptions" role="button" data-slide="prev">

        <span class="carousel-control-prev-icon" aria-hidden="true"></span>

        <span class="sr-only">Previous</span>

    </a>

    <a class="carousel-control-next" href="#carouselExampleCaptions" role="button" data-slide="next">

        <span class="carousel-control-next-icon" aria-hidden="true"></span>

        <span class="sr-only">Next</span>

    </a>

</div>

</div>

<div class="container my-3">

    <h1 class="my-4 text-center">come and visit to see our efforts</h1>

    <div class="row">

        <div class="col-md-4">

            <div class="card mb-4 shadow-sm">

                <img src="https://source.unsplash.com/1200x900/?nature,water" class="d-block w-100" alt="...">

                <div class="card-body">

                    <p class="card-text">here we will provide latest pics of institiute soon</p>

                    <div class="d-flex justify-content-between align-items-center">

                        <div class="btn-group">

                            <button type="button" class="btn btn-sm btn-outline-secondary">View</button>

                            <button type="button" class="btn btn-sm btn-outline-secondary">Edit</button>

                        </div>

                        <small class="text-muted">9 mins</small>

                    </div>

                </div>

            </div>

        </div>

        <div class="col-md-4">

            <div class="card mb-4 shadow-sm">

                <img src="https://source.unsplash.com/1200x900/?adventure,water" class="d-block w-100" alt="...">

                <div class="card-body">

                    <p class="card-text">here we will provide latest pics of institiute soon</p>

                    <div class="d-flex justify-content-between align-items-center">

                        <div class="btn-group">

                            <button type="button" class="btn btn-sm btn-outline-secondary">View</button>

                            <button type="button" class="btn btn-sm btn-outline-secondary">Edit</button>

                        </div>

                        <small class="text-muted">9 mins</small>

                    </div>

                </div>

            </div>

        </div>

        <div class="col-md-4">

            <div class="card mb-4 shadow-sm">

                <img src="https://source.unsplash.com/1200x900/?boy,water" class="d-block w-100" alt="...">

                <div class="card-body">

                    <p class="card-text">here we will provide latest pics of institiute soon</p>

                    <div class="d-flex justify-content-between align-items-center">

                        <div class="btn-group">

                            <button type="button" class="btn btn-sm btn-outline-secondary">View</button>

                            <button type="button" class="btn btn-sm btn-outline-secondary">Edit</button>

                        </div>

                        <small class="text-muted">9 mins</small>

                    </div>

                </div>

            </div>

        </div>

        <div class="col-md-4">

            <div class="card mb-4 shadow-sm">

                <img src="https://source.unsplash.com/1200x900/?deapsea,water" class="d-block w-100" alt="...">

                <div class="card-body">

                    <p class="card-text">here we will provide latest pics of institiute soon</p>

                    <div class="d-flex justify-content-between align-items-center">

                        <div class="btn-group">

                            <button type="button" class="btn btn-sm btn-outline-secondary">View</button>

                            <button type="button" class="btn btn-sm btn-outline-secondary">Edit</button>

                        </div>

                        <small class="text-muted">9 mins</small>

                    </div>

                </div>

            </div>

        </div>

        <div class="col-md-4">

            <div class="card mb-4 shadow-sm">

                <img src="https://source.unsplash.com/1200x900/?fish,water" class="d-block w-100" alt="...">

                <div class="card-body">

                    <p class="card-text">here we will provide latest pics of institiute soon</p>

                    <div class="d-flex justify-content-between align-items-center">

                        <div class="btn-group">

                            <button type="button" class="btn btn-sm btn-outline-secondary">View</button>

                            <button type="button" class="btn btn-sm btn-outline-secondary">Edit</button>

                        </div>

                        <small class="text-muted">9 mins</small>

                    </div>

                </div>

            </div>

        </div>

        <div class="col-md-4">

            <div class="card mb-4 shadow-sm">

                <img src="https://source.unsplash.com/1200x900/?girl,water" class="d-block w-100" alt="...">

                <div class="card-body">

                    <p class="card-text">here we will provide latest pics of institiute soon</p>

                    <div class="d-flex justify-content-between align-items-center">

                        <div class="btn-group">

                            <button type="button" class="btn btn-sm btn-outline-secondary">View</button>

                            <button type="button" class="btn btn-sm btn-outline-secondary">Edit</button>

                        </div>

                        <small class="text-muted">9 mins</small>

                    </div>

                </div>

            </div>

        </div>

    </div>

</div>

*Js css like button*

*(1)* function disp() {

    alert("HUN DASSO BHAI G BARI BADMASHI KITTI AE TUSAN");

}

*(2)* {% load static %}

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <link rel="stylesheet" href="{% static 'css/style.css'%}">

    <title>home page</title>

</head>

<body bgcolor="aquagreen">

   hr />

    <form action="">

        <input type="button" value="touch me" onclick="disp()" />

    </form>

    <script src="{% static 'js/all.js' %}"></script>

</body>

* *PYJOKES*

     var = jokes

#### import pyjokes

     for i in jokes :

     print(jokes)

     if jokes == 2:

     print new jokes

***Chose***

***File***

***button***

<div>

                                 <label class="required" for="id\_photo">Photo:</label>

                                     <input type="file" name="photo" accept="image/\*" required="" id="id\_photo">

                         </div>

                 </div>

***Index .html***

<!DOCTYPE html>

{% load static %}

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <link rel="stylesheet" href="{% static 'css/style.css'%}">

    <title>index page</title>

</head>

<body bgcolor="darkolivegreen">

   <H1 class="st">!!!'WELCOME WELCOME'!!!</H1>

   <H2>MY FRIENDS  ONLY YOU CAN SEE MY EFFORTS</H2>

<H1> 😁💕😃✨✨👌<video style="background-color:grey;" width="1145px" height="900px" controls src="/static/video/1.mp4"></video>

   <h1 style="background-color: rgb(0, 255, 0);">👍🙌😍💖👏👏✨✨</H1>

     <H1 > <video style="background-color: rgb(255, 0, 255);" width="1145px" height="900px" controls src="/static/video/2.mp4"></video>

      <h1 style="background-color: rgb(255, 0, 55);">👍🙌😍💖👏👏✨✨😁💕😃✨✨👌</H1>

        <br>

        <img  style="background-color: darkkhaki; height: 990px; width: 1153px;  " src='{% static "image/35.png" %}' alt="">

      <br>

</body>

</html>

<h1 style="background-color: rgb(238, 255, 0);">👍🙌😍💖👏👏✨✨😁💕😃✨✨👌</H1>

<hr />

<form style="background-color: rgb(0, 195, 255);" action="">

    <input type="button" value="touch me"style="background-color: rgb(922, 555, 10);"  onclick="disp()" />

</form>

<script src="{% static 'js/all.js' %}"></script>

</body>

<hr>

<body>

<div style="background-color: rgb(0, 255, 115);" class="container">

    <div class="py-5 text-center bg-secondary text-white">

        <h1 class="mb-3">upload image</h1>

        <form action="/admin/" method="POST" enctype="multipart/form-data">

            {% csrf\_token %}

            <input style="background-color: rgb(0, 183, 255);" type="submit" class="btn btn-info" value="upload">

        </form>

    </div>

</div>

</body>

</body>

<hr>

   <div id="container">

       <div class="app-latesttech module">

         <table>

           <caption>

             <a href="/admin/latesttech/" class="section" title="Models in the Latesttech application">Latesttech</a>

           </caption>

             <tbody><tr class="model-school">

                 <th scope="row"><a href="/admin/latesttech/school/"style="background-color: rgb(238, 255, 0);" >Schools</a></th>

                 <td><a href="/admin/latesttech/school/add/" class="addlink"style="background-color: orange " >Add</a></td>

                   <td><a href="/admin/latesttech/school/" class="changelink"style="background-color: cyan" >Change</a></td>

             </tr>

         </tbody></table>

       </div>

<!--

       <html lang="en-us" dir="ltr"><head>

         <title>Add school | YOUR LATEST HORIZON</title>

         <link rel="stylesheet" type="text/css" href="/static/admin/css/base.css">

           <link rel="stylesheet" type="text/css" href="/static/admin/css/nav\_sidebar.css">

           <script src="/static/admin/js/nav\_sidebar.js" defer=""></script>

         <link rel="stylesheet" type="text/css" href="/static/admin/css/forms.css">

         <script src="/admin/jsi18n/"></script>

         <script src="/static/admin/js/vendor/jquery/jquery.js"></script>

         <script src="/static/admin/js/jquery.init.js"></script>

         <script src="/static/admin/js/core.js"></script>

         <script src="/static/admin/js/admin/RelatedObjectLookups.js"></script>

         <script src="/static/admin/js/actions.js"></script>

         <script src="/static/admin/js/urlify.js"></script>

         <script src="/static/admin/js/prepopulate.js"></script>

         <script src="/static/admin/js/vendor/xregexp/xregexp.js"></script>

             <meta name="viewport" content="user-scalable=no, width=device-width, initial-scale=1.0, maximum-scale=1.0">

             <link rel="stylesheet" type="text/css" href="/static/admin/css/responsive.css">

         <meta name="robots" content="NONE,NOARCHIVE">

         </head>

         <body class=" app-latesttech model-school change-form" data-admin-utc-offset="0">

         <!-- Container -->

         <div id="container">

             <!-- Header -->

             <div id="header">

                 <div id="branding">

         <h1 id="site-name"><a href="/admin/">WELCOME ON LATEST HORIZON</a></h1>

                 </div>

                 <div id="user-tools">

                         Welcome,

                         <strong>rana</strong>.

                             <a href="/">View site</a> /

                         <a href="/admin/password\_change/">Change password</a> /

                         <a href="/admin/logout/">Log out</a>

                 </div>

             </div>

             <!-- END Header -->

         <div class="breadcrumbs">

         <a href="/admin/">Home</a>

         › <a href="/admin/latesttech/">Latesttech</a>

         › <a href="/admin/latesttech/school/">Schools</a>

         › Add school

         </div>

             <div class="main shifted" id="main">

         <button class="sticky toggle-nav-sidebar" id="toggle-nav-sidebar" aria-label="Toggle navigation"></button>

         <nav class="sticky" id="nav-sidebar">

           <input type="search" id="nav-filter" placeholder="Start typing to filter…" aria-label="Filter navigation items">

             <div class="app-auth module">

               <table>

                 <caption>

                   <a href="/admin/auth/" class="section" title="Models in the Authentication and Authorization application">Authentication and Authorization</a>

                 </caption>

                   <tbody><tr class="model-group">

                       <th scope="row"><a href="/admin/auth/group/">Groups</a></th>

                       <td><a href="/admin/auth/group/add/" class="addlink">Add</a></td>

                   </tr>

                   <tr class="model-user">

                       <th scope="row"><a href="/admin/auth/user/">Users</a></th>

                       <td><a href="/admin/auth/user/add/" class="addlink">Add</a></td>

                   </tr>

               </tbody></table>

             </div>

             <div class="app-latesttech module current-app">

               <table>

                 <caption>

                   <a href="/admin/latesttech/" class="section" title="Models in the Latesttech application">Latesttech</a>

                 </caption>

                   <tbody><tr class="model-school current-model">

                       <th scope="row"><a href="/admin/latesttech/school/" aria-current="page">Schools</a></th>

                       <td><a href="/admin/latesttech/school/add/" class="addlink">Add</a></td>

                   </tr>

               </tbody></table>

             </div>

         </nav>

               <div class="content">

                 <!-- Content -->

                 <div id="content" class="colM">

                   <h1>Add school</h1>

                   <div id="content-main">

         <form enctype="multipart/form-data" method="post" id="school\_form" novalidate=""><input type="hidden" name="csrfmiddlewaretoken" value="3FtDN6UJn224oYCOAj8IU5LBcP5MyLHJf7DqwPTk6oRzeuiaDsWgpMEVx1NrnpFC">

         <div>

           <fieldset class="module aligned ">

                 <div class="form-row field-name">

                         <div>

                                 <label class="required" for="id\_name">Name:</label>

                                     <input type="text" name="name" class="vTextField" maxlength="50" required="" id="id\_name">

                         </div>

                 </div>

                 <div class="form-row field-father\_name">

                         <div>

                                 <label class="required" for="id\_father\_name">Father name:</label>

                                     <input type="text" name="father\_name" class="vTextField" maxlength="50" required="" id="id\_father\_name">

                         </div>

                 </div>

                 <div class="form-row field-gender">

                         <div>

                                 <label class="required" for="id\_gender">Gender:</label>

                                     <input type="text" name="gender" class="vTextField" maxlength="50" required="" id="id\_gender">

                         </div>

                 </div>

                 <div class="form-row field-Class">

                         <div>

                                 <label class="required" for="id\_Class">Class:</label>

                                     <input type="text" name="Class" class="vTextField" maxlength="50" required="" id="id\_Class">

                         </div>

                 </div>

                 <div class="form-row field-section">

                         <div>

                                 <label class="required" for="id\_section">Section:</label>

                                     <input type="text" name="section" class="vTextField" maxlength="50" required="" id="id\_section">

                         </div>

                 </div>

                 <div class="form-row field-roll\_no">

                         <div>

                                 <label class="required" for="id\_roll\_no">Roll no:</label>

                                     <input type="text" name="roll\_no" class="vTextField" maxlength="50" required="" id="id\_roll\_no">

                         </div>

                 </div>

                 <div class="form-row field-photo">

                         <div>

                                 <label class="required" for="id\_photo">Photo:</label>

                                     <input type="file" name="photo" accept="image/\*" required="" id="id\_photo">

                         </div>

                 </div>

         </fieldset>

         <div class="submit-row">

         <input type="submit" value="Save" class="default" name="\_save">

         <input type="submit" value="Save and add another" name="\_addanother">

         <input type="submit" value="Save and continue editing" name="\_continue">

         </div>

             <script id="django-admin-form-add-constants" src="/static/admin/js/change\_form.js" data-model-name="school" async="">

             </script>

         <script id="django-admin-prepopulated-fields-constants" src="/static/admin/js/prepopulate\_init.js" data-prepopulated-fields="[]">

         </script>

*Dark theme website template*

<!DOCTYPE html>

{% load static %}

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <link rel="stylesheet" href="{% static 'css/style.css' %}">

    <title>services page</title>

</head>

<body  bgcolor="green">

   <h1> this is my services page</h1>

   <img id="icon" style="height:30px;" src="/static/image/moon.jfif">

<script>

var icon = document.getElementById("icon");

icon.onclick = function(){

    document.body.classList.toggle("dark-theme");

    if(document.body.classList.contains("dark-theme")){

        icon.src = "/static/image/sun.jfif";

    }else{

        icon.src = "/static/image/moon.jfif";

    }

}

</script>

<div class="strong">

<h1>this is second option</h1>

</div>

</body >

</html>

*Style.css*

:root{

    --primary-color:rgb(8, 8, 187) ;

    --secondary-color:rgb(20, 189, 48) ;

}

.strong{ background-color: blueviolet;

color: aquamarine;

}

.foo[style\*="color: red"] {

    color: firebrick !important;

  }

#moon{

    height: 30px;

    cursor: pointer;

}

***Website light and dark theme***

*Style.css*

\*{

    margin: 0;

    padding: 0;

}

#icon{

    height: 30px;

    width: 50px;

    left: 49%;

    top: 31.8%;

    position: absolute;

}

.mama{

    font: bold;

    font-feature-settings: "blwf";

    text-align: center;

}

.hero{

    height: 80vh;

    width: 100%;

    background:var(--secondary-color);

    font-family: sans-serif;

    position: top;

}

nav ul{

flex: 1;

text-align: center;

}

:root{

    --primary-color:rgb(8, 8, 187) ;

    --secondary-color:rgb(20, 189, 48) ;}

.dark-theme{

    --primary-color:rgb(230, 24, 24) ;

    --secondary-color:rgb(207, 226, 120) ;

}

.strong{ background-color:var(--primary-color);

    height: 40vh;

    width: 100%;

    font-family: sans-serif;

    position: top;

}

.foo[style\*="color: red"] {

    color: firebrick !important;

  }

  /\* blueviolet \*/

  /\* --primary-color:rgb(230, 24, 24) ;

  --secondary-color:rgb(207, 226, 120) ;

 \*/

*Index.html*

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3" crossorigin="anonymous">

    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js" integrity="sha384-ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+IlRH9sENBO0LRn5q+8nbTov4+1p" crossorigin="anonymous">

    </script>

    <link rel="stylesheet" href="style.css">

    <title>index page</title>

</head>

<body  bgcolor="green">

   <h1 style="background-color: purple;"> this is my index page</h1>

    <div  class="hero">

        <nav class="navbar navbar-expand-lg navbar-dark bg-dark">

    <ul>

    <li style="background-color: red;" ><a href="">Home</a></li><li><a href="">about</a></li>

    <li><a href="">Services</a></li>

    <li><a href="">Portfolio</a></li>

    <li style="background-color: rgb(196, 13, 113);position: right;"><a href="">Projects</a></li>

    <li style="font-size: 3rem;"><a href="">Contact Me</a></li>

    </ul>

    </nav >

        <div class="mama">

        <img id="icon" src="images/moon.jfif">"change your web site >>>>>>>>>>><<<<<<<<< theme from here"

        </div>

    </div>

    <div class="strong">

        <h1>this is second div</h1>

    </div>

<script>

var icon = document.getElementById("icon");

icon.onclick = function(){

    document.body.classList.toggle("dark-theme");

    if(document.body.classList.contains("dark-theme")){

        icon.src = "images/sun.jfif";

    }else{

        icon.src = "images/moon.jfif";

    }

}

</script>

</body >

</html>

<!--

style="background-color:rgb(58, 233, 81) ;" -->

***final templates heads***

 <link href='https://unpkg.com/boxicons@2.1.2/css/boxicons.min.css' rel='stylesheet'>

    <link rel="stylesheet" href="//fonts.googleapis.com/css?family=Open+Sans:300,400,600,700&amp;lang=en" />

***Final Git hub html head***

<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <link rel="shortcut icon" href="static/image/favicon.ico" type="image/x-icon">

 <link href='https://unpkg.com/boxicons@2.1.2/css/boxicons.min.css' rel='stylesheet'>

    <link rel="stylesheet" href="//fonts.googleapis.com/css?family=Open+Sans:300,400,600,700&amp;lang=en" />

  <link rel="stylesheet" href="static/css/style.css">

  <link rel="stylesheet" href="static/js/all.js">

  <link rel="stylesheet" href="static/video">

  <link rel="stylesheet" href="static/audio">

  <link rel="stylesheet" href="static/image">

  <title>My INTRO Website</title>

</head>

<link rel="stylesheet" href="{% static 'css/style.css' %}">

    <link rel="stylesheet" href="static/css/style.css">

    <link rel="stylesheet" href="static/js/all.js">

    <link rel="stylesheet" href="static/video">

    <link rel="stylesheet" href="static/audio">

    <link rel="stylesheet" href="static/image">

<link rel="stylesheet" href="static/favicon.ico">

***Google favicon***

***Paste in head***

  <link rel="icon" href="https://www.gstatic.com/images/icons/material/apps/fonts/1x/catalog/v5/favicon.svg">

    <meta property="og:image"

*Favicon*

*Copy this in html head*

<link rel="apple-touch-icon" sizes="180x180" href="/apple-touch-icon.png">

<link rel="icon" type="image/png" sizes="32x32" href="/favicon-32x32.png">

<link rel="icon" type="image/png" sizes="16x16" href="/favicon-16x16.png">

<link rel="manifest" href="/site.webmanifest">



  

*Image*

*uploader*

*Template*

<!DOCTYPE html>

{% load static %}

<html lang="en">

    <head>

        <meta charset="UTF-8">

        <meta http-equiv="X-UA-Compatible" content="IE=edge">

        <meta name="viewport" content="width=device-width, initial-scale=1.0">

        <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3" crossorigin="anonymous">

        <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js" integrity="sha384-ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+IlRH9sENBO0LRn5q+8nbTov4+1p" crossorigin="anonymous">

        </script>

        <link rel="stylesheet" href="{% static 'css/style.css' %}">

        <title>uploader page </title>

    </head>

<body>

    <div style="background-color: rgb(0, 255, 115);" class="container">

        <div class="py-5 text-center bg-secondary text-white">

            <h1 class="mb-3">upload image</h1>

            <form action="" method="POST" enctype="multipart/form-data">

            {% csrf\_token %}

            {{form}}

                <input  type="file" name="photo" accept="image/\*" id="photo">

                <input  type="submit" class="btn btn-danger" value="upload">

            </form>

            <div class="row">

               {% for x in img %}

               <div class="col-sm-4">

                   <div class="card m-2">

                    <img src="{{x.photo.url}}" alt="" class="card-img-top" height="200px">

                   </div>

               </div>

               {% endfor %}

            </div>

        </div>

    </div>

    </body>

    </body>

    <!-- <div style="background-color: rgb(0, 183, 255);">

        <label class="required" for="photo">Photo:</label>

        <input  type="file" name="photo" accept="image/\*" id="photo">

    </div>

style="background-color: rgb(0, 183, 255);"

-->

*Formspy*

from django import forms

from .models import Image

class Imageform(forms.ModelForm):

    class Meta :

        model=Image

        fields= '\_\_all\_\_'

        labels={'photos':''}

*Models.py*

from django.db import models

# Create your models here.

class School(models.Model):

    name                = models.CharField(max\_length=50 ,default="")

    father\_name         = models.CharField(max\_length=50 ,default="")

    gender              = models.CharField(max\_length=50 ,default="")

    Class               = models.CharField(max\_length=50 ,default="")

    section             = models.CharField(max\_length=50 ,default="")

    roll\_no             = models.CharField(max\_length=50 ,default="")

    photo = models.ImageField(upload\_to="myimage")

    date = models.DateTimeField(auto\_now\_add=True)

    def \_\_str\_\_(self):

        return self.name

class Image(models.Model):

    photo = models.ImageField(upload\_to="myimage")

    date = models.DateTimeField(auto\_now\_add=True)

*Admin.py*

from django.contrib import admin

# Register your models here.

from .models import Image, School

admin.site.register(School)

@admin.register(Image)

class Imageadmin(admin.ModelAdmin):

    list\_display=['id','photo','date']

*Views.py*

from django.shortcuts import render

from.forms import Imageform

from .models import Image

from . import views

# Create your views here.

def home(request):

    if request.method == "POST":

       form = Imageform(request.POST,request.FILES)

       if form.is\_valid():

           form.save()

           form = Imageform()

           img = Image.objects.all()

    return render(request,"latesttech/home1.html",{'img':img,'form':form})

*Likebuttonfacebook*JavaScript SDK

IFrame

Close

Step 1: Include the JavaScript SDK on your page once, ideally right after the opening body tag.

<div id="fb-root"></div>

<script async defer crossorigin="anonymous" src="https://connect.facebook.net/en\_US/sdk.js#xfbml=1&version=v13.0" nonce="IHbGQsqI"></script>

Step 2: Place this code wherever you want the plugin to appear on your page.

<div class="fb-like" data-href="https://developers.facebook.com/docs/plugins/" data-width="" data-layout="standard" data-action="like" data-size="small" data-share="true"></div>

***MAIN HTMLS HEAD***

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3" crossorigin="anonymous">

    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js" integrity="sha384-ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+IlRH9sENBO0LRn5q+8nbTov4+1p" crossorigin="anonymous">

</script>

</head>

*left and side control of carousal*<a class="carousel-control-prev " href="#demo" role="button" data-slide="prev">

    <span class="carousel-control-prev-icon" aria-hidden="true"></span>

    <span class="sr-only">Previous</span>

  </a>

  <a class="carousel-control-next" href="#demo" role="button" data-slide="next">

    <span class="carousel-control-next-icon" aria-hidden="true"></span>

    <span class="sr-only">Next</span>

  </a>

*remove punctuation*

*.Htmls*

<body>

<h1>Welcome to the text analyzer. Enter your text below</h1>

<form action='/analyze' method='get'>

<textarea name='text' style='margin: 0px; width: 721px; height: 93px;'></textarea><br>

<input type="checkbox" name="removepunc"> Remove Punctuations<br>

<input type="checkbox" name="fullcaps"> UPPERCASE<br>

<input type="checkbox" name="newlineremover"> New Line Remover<br>

<input type="checkbox" name="extraspaceremover"> Extra Spaces Remover<br>

<button type='submit'> Analyze Text</button>

</form>

</body>

def analyze(request):

djtext = request.GET.get('text', 'default')

removepunc = request.GET.get('removepunc', 'off')

fullcaps = request.GET.get('fullcaps', 'off')

newlineremover = request.GET.get('newlineremover', 'off')

extraspaceremover = request.GET.get('extraspaceremover', 'off')

if removepunc == "on":

punctuations = '''!()-[]{};:'"\,<>./?@#$%^&\*\_~'''

analyzed = ""

for char in djtext:

if char not in punctuations:

analyzed = analyzed + char

params = {'purpose':'Removed Punctuations', 'analyzed\_text': analyzed}

return render(request, 'analyze.html', params)

elif(fullcaps=="on"):

analyzed = ""

for char in djtext:

analyzed = analyzed + char.upper()

params = {'purpose': 'Changed to Uppercase', 'analyzed\_text': analyzed}

return render(request, 'analyze.html', params)

elif(extraspaceremover=="on"):

analyzed = ""

for index, char in enumerate(djtext):

if not(djtext[index] == " " and djtext[index+1]==" "):

analyzed = analyzed + char

params = {'purpose': 'Removed NewLines', 'analyzed\_text': analyzed}

return render(request, 'analyze.html', params)

elif (newlineremover == "on"):

analyzed = ""

for char in djtext:

if char != "\n":

analyzed = analyzed + char

params = {'purpose': 'Removed NewLines', 'analyzed\_text': analyzed}

return render(request, 'analyze.html', params)

else:

return HttpResponse("Error")

</body>

</html>

*One page full website*

***Index.html***

<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <link rel="stylesheet" href="style.css">

  <title>My INTRO Website</title>

</head>

<body>

  <!-- Header -->

  <section id="header">

    <div class="header container">

      <div class="nav-bar">

        <div class="brand">

          <a href="#hero">

            <h1><span>R</span>A<span>N</span>A<span>R</span>ABEES</h1>

          </a>

        </div>

        <div class="nav-list">

          <div class="hamburger">

            <div class="bar"></div>

          </div>

          <ul>

            <li><a href="#hero" data-after="Home">Home</a></li>

            <li><a href="#services" data-after="Service">Services</a></li>

            <li><a href="#projects" data-after="Projects">Projects</a></li>

            <li><a href="#about" data-after="About">About</a></li>

            <li><a href="#contact" data-after="Contact">Contact</a></li>

          </ul>

        </div>

      </div>

    </div>

  </section>

  <!-- End Header -->

  <!-- Hero Section  -->

  <section id="hero">

    <div class="hero container">

      <div>

        <h1>Hello, <span></span></h1>

        <h1>My Name is <span></span></h1>

        <h1>RANA MUHAMMAD RABEES HUSSAIN <span></span></h1>

        <a href="#projects" type="button" class="cta">Portfolio</a>

      </div>

    </div>

  </section>

  <!-- End Hero Section  -->

  <!-- Service Section -->

  <section id="services">

    <div class="services container">

      <div class="service-top">

        <h1 class="section-title">Serv<span>i</span>ces</h1>

        <p>I AM RANA MUHAMMAD RABEES HUSSAIN I AM A STUDENT OF SOFTWARE ENGINEERING

           MY PASSION IS ARTIFICIAL INTELLIGENCE PROJECTS

           HERE I AM ONLY CAME TO GATHER A SINCERE TEAM

           CONTACT ME FOR DETAILS </p>

      </div>

      <div class="service-bottom">

        <div class="service-item">

          <div class="icon"><img src="https://img.icons8.com/bubbles/100/000000/services.png" /></div>

          <h2>Projects intro</h2>

          <p>Details will be given later </p>

        </div>

        <div class="service-item">

          <div class="icon"><img src="https://img.icons8.com/bubbles/100/000000/services.png" /></div>

          <h2>Projects intro</h2>

          <p>Details will be given later </p>

        </div>

        <div class="service-item">

          <div class="icon"><img src="https://img.icons8.com/bubbles/100/000000/services.png" /></div>

          <h2>Projects intro</h2>

          <p>Details will be given later </p>

        </div>

        <div class="service-item">

          <div class="icon"><img src="https://img.icons8.com/bubbles/100/000000/services.png" /></div>

          <h2>Projects intro</h2>

          <p>Details will be given later </p>

        </div>

      </div>

    </div>

  </section>

  <!-- End Service Section -->

  <!-- Projects Section -->

  <section id="projects">

    <div class="projects container">

      <div class="projects-header">

        <h1 class="section-title">Recent <span>Projects</span></h1>

      </div>

      <div class="all-projects">

        <div class="project-item">

          <div class="project-info">

            <h1>Project 1</h1>

            <h2>Coding is Love</h2>

            <h2>Projects intro</h2>

            <p>Details will be given later </p>

          </div>

          <div class="project-img">

            <img src="image/4.jpg" alt="img">

          </div>

        </div>

        <div class="project-item">

          <div class="project-info">

            <h1>Project 2</h1>

            <h2>Coding is Love</h2>

            <h2>Projects intro</h2>

            <p>Details will be given later </p>

          <div class="project-img">

            <img src="image/7.jpg" alt="img">

          </div>

        </div>

        <div class="project-item">

          <div class="project-info">

            <h1>Project 3</h1>

            <h2>Coding is Love</h2>

            <h2>Projects intro</h2>

            <p>Details will be given later </p>

          <div class="project-img">

            <img src="image/35.jpg" alt="img">

          </div>

        </div>

        <div class="project-item">

          <div class="project-info">

            <h1>Project 4</h1>

            <h2>Coding is Love</h2>

            <h2>Projects intro</h2>

            <p>Details will be given later </p>

          <div class="project-img">

            <img src="image/35.jpg" alt="img">

          </div>

        </div>

        <div class="project-item">

          <div class="project-info">

            <h1>Project 5</h1>

            <h2>Coding is Love</h2>

            <h2>Projects intro</h2>

            <p>Details will be given later </p>

          <div class="project-img">

            <img src="image/4.jpg" alt="img">

          </div>

        </div>

      </div>

    </div>

  </section>

  <!-- End Projects Section -->

  <!-- About Section -->

  <section id="about">

    <div class="about container">

      <div class="col-left">

        <div class="about-img">

          <img src="image/34.jpg" alt="rana">

        </div>

      </div>

      <div class="col-right">

        <h1 class="section-title">About <span>me</span></h1>

        <h2>Front End Developer</h2>

        <h2>Back End Developer</h2>

        <h2>Projects intro</h2>

        <p>Details will be given later </p>

        <a href="#" class="cta">Download Resume</a>

      </div>

    </div>

  </section>

  <!-- End About Section -->

  <!-- Contact Section -->

  <section id="contact">

    <div class="contact container">

      <div>

        <h1 class="section-title">Contact <span>info</span></h1>

      </div>

      <div class="contact-items">

        <div class="contact-item">

          <div class="icon"><img src="https://img.icons8.com/bubbles/100/000000/phone.png" /></div>

          <div class="contact-info">

            <h1>Phone</h1>

            <h2>+923453565169</h2>

            <h2>+923453565169</h2>

          </div>

        </div>

        <div class="contact-item">

          <div class="icon"><img src="https://img.icons8.com/bubbles/100/000000/new-post.png" /></div>

          <div class="contact-info">

            <h1>Email</h1>

            <h2>rrabeeshussain@gmail.com</h2>

            <h2>rrabeeshussain@gmail.com</h2>

          </div>

        </div>

        <div class="contact-item">

          <div class="icon"><img src="https://img.icons8.com/bubbles/100/000000/map-marker.png" /></div>

          <div class="contact-info">

            <h1>Address</h1>

            <h2>Taxila , Rawalpindi , Punjab , Pakistan </h2>

          </div>

        </div>

      </div>

    </div>

  </section>

  <!-- End Contact Section -->

  <!-- Footer -->

  <section id="footer">

    <div class="footer container">

      <div class="brand">

        <h1><span>R</span>A<span>N</span>A<span>\_</span><span>R</span>ABEES</h1>

      </div>

      <h2>Your Complete Web Solution</h2>

      <div class="social-icon">

        <div class="social-item">

          <a href="https://facebook.com"><img src="https://img.icons8.com/bubbles/100/000000/facebook-new.png" /></a>

        </div>

        <div class="social-item">

          <a href="https://instagram.com"><img src="https://img.icons8.com/bubbles/100/000000/instagram-new.png" /></a>

        </div>

        <div class="social-item">

          <a href="https://twitter.com"><img src="https://img.icons8.com/bubbles/100/000000/twitter.png" /></a>

        </div>

        <div class="social-item">

          <a href="https://behence.com"><img src="https://img.icons8.com/bubbles/100/000000/behance.png" /></a>

        </div>

      </div>

      <p>Copyright © 2022 Rana MUHAMMAD Rabees HUSSAIN. All rights reserved</p>

    </div>

  </section>

  <!-- End Footer -->

  <script src="./app.js"></script>

</body>

</html>

*All.js*

const hamburger = document.querySelector('.header .nav-bar .nav-list .hamburger');

const mobile\_menu = document.querySelector('.header .nav-bar .nav-list ul');

const menu\_item = document.querySelectorAll('.header .nav-bar .nav-list ul li a');

const header = document.querySelector('.header.container');

hamburger.addEventListener('click', () => {

    hamburger.classList.toggle('active');

    mobile\_menu.classList.toggle('active');

});

document.addEventListener('scroll', () => {

    var scroll\_position = window.scrollY;

    if (scroll\_position > 250) {

        header.style.backgroundColor = '#29323c';

    } else {

        header.style.backgroundColor = 'transparent';

    }

});

menu\_item.forEach((item) => {

    item.addEventListener('click', () => {

        hamburger.classList.toggle('active');

        mobile\_menu.classList.toggle('active');

    });

});

*Style.css*

@import 'https://fonts.googleapis.com/css?family=Montserrat:300, 400, 700&display=swap';

\* {

    padding: 0;

    margin: 0;

    box-sizing: border-box;

}

html {

    font-size: 10px;

    font-family: 'Montserrat', sans-serif;

    scroll-behavior: smooth;

}

a {

    text-decoration: none;

}

.container {

    min-height: 100vh;

    width: 100%;

    display: flex;

    align-items: center;

    justify-content: center;

}

img {

    height: 100%;

    width: 100%;

    object-fit: cover;

}

p {

    color: black;

    font-size: 1.4rem;

    margin-top: 5px;

    line-height: 2.5rem;

    font-weight: 300;

    letter-spacing: 0.05rem;

}

.section-title {

    font-size: 4rem;

    font-weight: 300;

    color: black;

    margin-bottom: 10px;

    text-transform: uppercase;

    letter-spacing: 0.2rem;

    text-align: center;

}

.section-title span {

    color: crimson;

}

.cta {

    display: inline-block;

    padding: 10px 30px;

    color: white;

    background-color: transparent;

    border: 2px solid crimson;

    font-size: 2rem;

    text-transform: uppercase;

    letter-spacing: 0.1rem;

    margin-top: 30px;

    transition: 0.3s ease;

    transition-property: background-color, color;

}

.cta:hover {

    color: white;

    background-color: crimson;

}

.brand h1 {

    font-size: 3rem;

    text-transform: uppercase;

    color: white;

}

.brand h1 span {

    color: crimson;

}

/\* Header section \*/

#header {

    position: fixed;

    z-index: 1000;

    left: 0;

    top: 0;

    width: 100vw;

    height: auto;

}

#header .header {

    min-height: 8vh;

    background-color: rgba(31, 30, 30, 0.24);

    transition: 0.3s ease background-color;

}

#header .nav-bar {

    display: flex;

    align-items: center;

    justify-content: space-between;

    width: 100%;

    height: 100%;

    max-width: 1300px;

    padding: 0 10px;

}

#header .nav-list ul {

    list-style: none;

    position: absolute;

    background-color: rgb(31, 30, 30);

    width: 100vw;

    height: 100vh;

    left: 100%;

    top: 0;

    display: flex;

    flex-direction: column;

    justify-content: center;

    align-items: center;

    z-index: 1;

    overflow-x: hidden;

    transition: 0.5s ease left;

}

#header .nav-list ul.active {

    left: 0%;

}

#header .nav-list ul a {

    font-size: 2.5rem;

    font-weight: 500;

    letter-spacing: 0.2rem;

    text-decoration: none;

    color: white;

    text-transform: uppercase;

    padding: 20px;

    display: block;

}

#header .nav-list ul a::after {

    content: attr(data-after);

    position: absolute;

    top: 50%;

    left: 50%;

    transform: translate(-50%, -50%) scale(0);

    color: rgba(240, 248, 255, 0.021);

    font-size: 13rem;

    letter-spacing: 50px;

    z-index: -1;

    transition: 0.3s ease letter-spacing;

}

#header .nav-list ul li:hover a::after {

    transform: translate(-50%, -50%) scale(1);

    letter-spacing: initial;

}

#header .nav-list ul li:hover a {

    color: crimson;

}

#header .hamburger {

    height: 60px;

    width: 60px;

    display: inline-block;

    border: 3px solid white;

    border-radius: 50%;

    position: relative;

    display: flex;

    align-items: center;

    justify-content: center;

    z-index: 100;

    cursor: pointer;

    transform: scale(0.8);

    margin-right: 20px;

}

#header .hamburger:after {

    position: absolute;

    content: '';

    height: 100%;

    width: 100%;

    border-radius: 50%;

    border: 3px solid white;

    animation: hamburger\_puls 1s ease infinite;

}

#header .hamburger .bar {

    height: 2px;

    width: 30px;

    position: relative;

    background-color: white;

    z-index: -1;

}

#header .hamburger .bar::after,

#header .hamburger .bar::before {

    content: '';

    position: absolute;

    height: 100%;

    width: 100%;

    left: 0;

    background-color: white;

    transition: 0.3s ease;

    transition-property: top, bottom;

}

#header .hamburger .bar::after {

    top: 8px;

}

#header .hamburger .bar::before {

    bottom: 8px;

}

#header .hamburger.active .bar::before {

    bottom: 0;

}

#header .hamburger.active .bar::after {

    top: 0;

}

/\* End Header section \*/

/\* Hero Section \*/

#hero {

    background-image: url(image/32.jpg);

    background-size: cover;

    background-position: top center;

    position: relative;

    z-index: 1;

}

#hero::after {

    content: '';

    position: absolute;

    left: 0;

    top: 0;

    height: 100%;

    width: 100%;

    background-color: black;

    opacity: 0.7;

    z-index: -1;

}

#hero .hero {

    max-width: 1200px;

    margin: 0 auto;

    padding: 0 50px;

    justify-content: flex-start;

}

#hero h1 {

    display: block;

    width: fit-content;

    font-size: 4rem;

    position: relative;

    color: transparent;

    animation: text\_reveal 0.5s ease forwards;

    animation-delay: 1s;

}

#hero h1:nth-child(1) {

    animation-delay: 1s;

}

#hero h1:nth-child(2) {

    animation-delay: 2s;

}

#hero h1:nth-child(3) {

    animation: text\_reveal\_name 0.5s ease forwards;

    animation-delay: 3s;

}

#hero h1 span {

    position: absolute;

    top: 0;

    left: 0;

    height: 100%;

    width: 0;

    background-color: crimson;

    animation: text\_reveal\_box 1s ease;

    animation-delay: 0.5s;

}

#hero h1:nth-child(1) span {

    animation-delay: 0.5s;

}

#hero h1:nth-child(2) span {

    animation-delay: 1.5s;

}

#hero h1:nth-child(3) span {

    animation-delay: 2.5s;

}

/\* End Hero Section \*/

/\* Services Section \*/

#services .services {

    flex-direction: column;

    text-align: center;

    max-width: 1500px;

    margin: 0 auto;

    padding: 100px 0;

}

#services .service-top {

    max-width: 500px;

    margin: 0 auto;

}

#services .service-bottom {

    display: flex;

    align-items: center;

    justify-content: center;

    flex-wrap: wrap;

    margin-top: 50px;

}

#services .service-item {

    flex-basis: 80%;

    display: flex;

    align-items: flex-start;

    justify-content: center;

    flex-direction: column;

    padding: 30px;

    border-radius: 10px;

    background-image: url(image/35.jpg);

    background-size: cover;

    margin: 10px 5%;

    position: relative;

    z-index: 1;

    overflow: hidden;

}

#services .service-item::after {

    content: '';

    position: absolute;

    left: 0;

    top: 0;

    height: 100%;

    width: 100%;

    background-image: linear-gradient(60deg, #29323c 0%, #485563 100%);

    opacity: 0.9;

    z-index: -1;

}

#services .service-bottom .icon {

    height: 80px;

    width: 80px;

    margin-bottom: 20px;

}

#services .service-item h2 {

    font-size: 2rem;

    color: white;

    margin-bottom: 10px;

    text-transform: uppercase;

}

#services .service-item p {

    color: white;

    text-align: left;

}

/\* End Services Section \*/

/\* Projects section \*/

#projects .projects {

    flex-direction: column;

    max-width: 1200px;

    margin: 0 auto;

    padding: 100px 0;

}

#projects .projects-header h1 {

    margin-bottom: 50px;

}

#projects .all-projects {

    display: flex;

    align-items: center;

    justify-content: center;

    flex-direction: column;

}

#projects .project-item {

    display: flex;

    align-items: center;

    justify-content: center;

    flex-direction: column;

    width: 80%;

    margin: 20px auto;

    overflow: hidden;

    border-radius: 10px;

}

#projects .project-info {

    padding: 30px;

    flex-basis: 50%;

    height: 100%;

    display: flex;

    align-items: flex-start;

    justify-content: center;

    flex-direction: column;

    background-image: linear-gradient(60deg, #29323c 0%, #485563 100%);

    color: white;

}

#projects .project-info h1 {

    font-size: 4rem;

    font-weight: 500;

}

#projects .project-info h2 {

    font-size: 1.8rem;

    font-weight: 500;

    margin-top: 10px;

}

#projects .project-info p {

    color: white;

}

#projects .project-img {

    flex-basis: 50%;

    height: 300px;

    overflow: hidden;

    position: relative;

}

#projects .project-img:after {

    content: '';

    position: absolute;

    left: 0;

    top: 0;

    height: 100%;

    width: 100%;

    background-image: linear-gradient(60deg, #29323c 0%, #485563 100%);

    opacity: 0.7;

}

#projects .project-img img {

    transition: 0.3s ease transform;

}

#projects .project-item:hover .project-img img {

    transform: scale(1.1);

}

/\* End Projects section \*/

/\* About Section \*/

#about .about {

    flex-direction: column-reverse;

    text-align: center;

    max-width: 1200px;

    margin: 0 auto;

    padding: 100px 20px;

}

#about .col-left {

    width: 250px;

    height: 360px;

}

#about .col-right {

    width: 100%;

}

#about .col-right h2 {

    font-size: 1.8rem;

    font-weight: 500;

    letter-spacing: 0.2rem;

    margin-bottom: 10px;

}

#about .col-right p {

    margin-bottom: 20px;

}

#about .col-right .cta {

    color: black;

    margin-bottom: 50px;

    padding: 10px 20px;

    font-size: 2rem;

}

#about .col-left .about-img {

    height: 100%;

    width: 100%;

    position: relative;

    border: 10px solid white;

}

#about .col-left .about-img::after {

    content: '';

    position: absolute;

    left: -33px;

    top: 19px;

    height: 98%;

    width: 98%;

    border: 7px solid crimson;

    z-index: -1;

}

/\* End About Section \*/

/\* contact Section \*/

#contact .contact {

    flex-direction: column;

    max-width: 1200px;

    margin: 0 auto;

    width: 90%;

}

#contact .contact-items {

    /\* max-width: 400px; \*/

    width: 100%;

}

#contact .contact-item {

    width: 80%;

    padding: 20px;

    text-align: center;

    border-radius: 10px;

    padding: 30px;

    margin: 30px;

    display: flex;

    justify-content: center;

    align-items: center;

    flex-direction: column;

    box-shadow: 0px 0px 18px 0 #0000002c;

    transition: 0.3s ease box-shadow;

}

#contact .contact-item:hover {

    box-shadow: 0px 0px 5px 0 #0000002c;

}

#contact .icon {

    width: 70px;

    margin: 0 auto;

    margin-bottom: 10px;

}

#contact .contact-info h1 {

    font-size: 2.5rem;

    font-weight: 500;

    margin-bottom: 5px;

}

#contact .contact-info h2 {

    font-size: 1.3rem;

    line-height: 2rem;

    font-weight: 500;

}

/\*End contact Section \*/

/\* Footer \*/

#footer {

    background-image: linear-gradient(60deg, #29323c 0%, #485563 100%);

}

#footer .footer {

    min-height: 200px;

    flex-direction: column;

    padding-top: 50px;

    padding-bottom: 10px;

}

#footer h2 {

    color: white;

    font-weight: 500;

    font-size: 1.8rem;

    letter-spacing: 0.1rem;

    margin-top: 10px;

    margin-bottom: 10px;

}

#footer .social-icon {

    display: flex;

    margin-bottom: 30px;

}

#footer .social-item {

    height: 50px;

    width: 50px;

    margin: 0 5px;

}

#footer .social-item img {

    filter: grayscale(1);

    transition: 0.3s ease filter;

}

#footer .social-item:hover img {

    filter: grayscale(0);

}

#footer p {

    color: white;

    font-size: 1.3rem;

}

/\* End Footer \*/

/\* Keyframes \*/

@keyframes hamburger\_puls {

    0% {

        opacity: 1;

        transform: scale(1);

    }

    100% {

        opacity: 0;

        transform: scale(1.4);

    }

}

@keyframes text\_reveal\_box {

    50% {

        width: 100%;

        left: 0;

    }

    100% {

        width: 0;

        left: 100%;

    }

}

@keyframes text\_reveal {

    100% {

        color: white;

    }

}

@keyframes text\_reveal\_name {

    100% {

        color: crimson;

        font-weight: 500;

    }

}

/\* End Keyframes \*/

/\* Media Query For Tablet \*/

@media only screen and (min-width: 768px) {

    .cta {

        font-size: 2.5rem;

        padding: 20px 60px;

    }

    h1.section-title {

        font-size: 6rem;

    }

    /\* Hero \*/

    #hero h1 {

        font-size: 7rem;

    }

    /\* End Hero \*/

    /\* Services Section \*/

    #services .service-bottom .service-item {

        flex-basis: 45%;

        margin: 2.5%;

    }

    /\* End Services Section \*/

    /\* Project \*/

    #projects .project-item {

        flex-direction: row;

    }

    #projects .project-item:nth-child(even) {

        flex-direction: row-reverse;

    }

    #projects .project-item {

        height: 400px;

        margin: 0;

        width: 100%;

        border-radius: 0;

    }

    #projects .all-projects .project-info {

        height: 100%;

    }

    #projects .all-projects .project-img {

        height: 100%;

    }

    /\* End Project \*/

    /\* About \*/

    #about .about {

        flex-direction: row;

    }

    #about .col-left {

        width: 600px;

        height: 400px;

        padding-left: 60px;

    }

    #about .about .col-left .about-img::after {

        left: -45px;

        top: 34px;

        height: 98%;

        width: 98%;

        border: 10px solid crimson;

    }

    #about .col-right {

        text-align: left;

        padding: 30px;

    }

    #about .col-right h1 {

        text-align: left;

    }

    /\* End About \*/

    /\* contact  \*/

    #contact .contact {

        flex-direction: column;

        padding: 100px 0;

        align-items: center;

        justify-content: center;

        min-width: 20vh;

    }

    #contact .contact-items {

        width: 100%;

        display: flex;

        flex-direction: row;

        justify-content: space-evenly;

        margin: 0;

    }

    #contact .contact-item {

        width: 30%;

        margin: 0;

        flex-direction: row;

    }

    #contact .contact-item .icon {

        height: 100px;

        width: 100px;

    }

    #contact .contact-item .icon img {

        object-fit: contain;

    }

    #contact .contact-item .contact-info {

        width: 100%;

        text-align: left;

        padding-left: 20px;

    }

    /\* End contact  \*/

}

/\* End Media Query For Tablet \*/

/\* Media Query For Desktop \*/

@media only screen and (min-width: 1200px) {

    /\* header \*/

    #header .hamburger {

        display: none;

    }

    #header .nav-list ul {

        position: initial;

        display: block;

        height: auto;

        width: fit-content;

        background-color: transparent;

    }

    #header .nav-list ul li {

        display: inline-block;

    }

    #header .nav-list ul li a {

        font-size: 1.8rem;

    }

    #header .nav-list ul a:after {

        display: none;

    }

    /\* End header \*/

    #services .service-bottom .service-item {

        flex-basis: 22%;

        margin: 1.5%;

    }

}

/\* End  Media Query For Desktop \*/

***Rounded***

***Circle***

***Pics***

<body>

  <img width="100%" src="C:\Users\RanaG\Desktop\RBASCON\static\image\133.jpg" alt="..." class="rounded-circle">

    </body>

## *White variant*

<button type="button" class="btn-close btn-close-white" aria-label="Close"></button>

<button type="button" class="btn-close btn-close-white" disabled aria-label="Close"></button>

*CSS GRIDS*

<div class="grid">

<div class="g-col-6 g-col-md-4">.g-col-6 .g-col-md-4</div>

<div class="g-col-6 g-col-md-4">.g-col-6 .g-col-md-4</div>

<div class="g-col-6 g-col-md-4">.g-col-6 .g-col-md-4</div>

</div>

***AUTO COLOUMNS***

<div class="grid">

<div>1</div>

<div>1</div>

<div>1</div>

<div>1</div>

<div>1</div>

<div>1</div>

<div>1</div>

<div>1</div>

<div>1</div>

<div>1</div>

<div>1</div>

<div>1</div>

</div>

***TWO COLOUMNS***

<div class="grid" style="row-gap: 0;">

<div class="g-col-6">.g-col-6</div>

<div class="g-col-6">.g-col-6</div>

<div class="g-col-6">.g-col-6</div>

<div class="g-col-6">.g-col-6</div>

</div>

***ALLERT MASSAGES***

<div id="liveAlertPlaceholder"></div>

#### <button type="button" class="btn btn-primary" id="liveAlertBtn">Show live alertWell done!

Aww yeah, you successfully read this important alert message. This example text is going to run a bit longer so that you can see how spacing within an alert works with this kind of content.

Whenever you need to, be sure to use margin utilities to keep things nice and tidy

</button>

***LIVE DEMO***

<button type="button" class="btn btn-lg btn-danger" data-bs-toggle="popover" title="Popover title" data-bs-content="And here's some amazing content. It's very engaging. Right?">Click to toggle popover</button>

***SHOW LIVE TOAST***

<button type="button" class="btn btn-primary" id="liveToastBtn">Show live toast</button>

<div class="toast-container position-fixed bottom-0 end-0 p-3">

<div id="liveToast" class="toast" role="alert" aria-live="assertive" aria-atomic="true">

<div class="toast-header">

<img src="..." class="rounded me-2" alt="...">

<strong class="me-auto">Bootstrap</strong>

<small>11 mins ago</small>

<button type="button" class="btn-close" data-bs-dismiss="toast" aria-label="Close"></button>

</div>

<div class="toast-body">

Hello, world! This is a toast message.

</div>

</div>

</div>

***2***

<div class="toast" role="alert" aria-live="assertive" aria-atomic="true">

<div class="toast-header">

<img src="..." class="rounded me-2" alt="...">

<strong class="me-auto">Bootstrap</strong>

<small class="text-muted">11 mins ago</small>

<button type="button" class="btn-close" data-bs-dismiss="toast" aria-label="Close"></button>

</div>

<div class="toast-body">

Hello, world! This is a toast message.

</div>

</div>

***3***

<div aria-live="polite" aria-atomic="true" class="position-relative">

<!-- Position it: -->

<!-- - `.toast-container` for spacing between toasts -->

<!-- - `top-0` & `end-0` to position the toasts in the upper right corner -->

<!-- - `.p-3` to prevent the toasts from sticking to the edge of the container -->

<div class="toast-container top-0 end-0 p-3">

<!-- Then put toasts within -->

<div class="toast" role="alert" aria-live="assertive" aria-atomic="true">

<div class="toast-header">

<img src="..." class="rounded me-2" alt="...">

<strong class="me-auto">Bootstrap</strong>

<small class="text-muted">just now</small>

<button type="button" class="btn-close" data-bs-dismiss="toast" aria-label="Close"></button>

</div>

<div class="toast-body">

See? Just like this.

</div>

</div>

<div class="toast" role="alert" aria-live="assertive" aria-atomic="true">

<div class="toast-header">

<img src="..." class="rounded me-2" alt="...">

<strong class="me-auto">Bootstrap</strong>

<small class="text-muted">2 seconds ago</small>

<button type="button" class="btn-close" data-bs-dismiss="toast" aria-label="Close"></button>

</div>

<div class="toast-body">

Heads up, toasts will stack automatically

</div>

</div>

</div>

</div>

***NOTIFICATIONS4***

<button type="button" class="btn btn-primary">

Notifications <span class="badge text-bg-secondary">4</span>

</button>

***INBOX 99+***

<button type="button" class="btn btn-primary position-relative">

Inbox

<span class="position-absolute top-0 start-100 translate-middle badge rounded-pill bg-danger">

99+

<span class="visually-hidden">unread messages</span>

</span>

</button>

***PROFILE***

<button type="button" class="btn btn-primary position-relative">

Profile

<span class="position-absolute top-0 start-100 translate-middle p-2 bg-danger border border-light rounded-circle">

<span class="visually-hidden">New alerts</span>

</span>

</button>

***CARDS***

<div class="card" style="width: 18rem;">

<img src="..." class="card-img-top" alt="...">

<div class="card-body">

<h5 class="card-title">Card title</h5>

<p class="card-text">Some quick example text to build on the card title and make up the bulk of the card's content.</p>

<a href="#" class="btn btn-primary">Go somewhere</a>

</div>

</div>

<div class="card text-center">

<div class="card-header">

Featured

</div>

<div class="card-body">

<h5 class="card-title">Special title treatment</h5>

<p class="card-text">With supporting text below as a natural lead-in to additional content.</p>

<a href="#" class="btn btn-primary">Go somewhere</a>

</div>

<div class="card-footer text-muted">

2 days ago

</div>

</div>

<div class="card bg-dark text-white">

<img src="..." class="card-img" alt="...">

<div class="card-img-overlay">

<h5 class="card-title">Card title</h5>

<p class="card-text">This is a wider card with supporting text below as a natural lead-in to additional content. This content is a little bit longer.</p>

<p class="card-text">Last updated 3 mins ago</p>

</div>

</div>

<div class="card mb-3" style="max-width: 540px;">

<div class="row g-0">

<div class="col-md-4">

<img src="..." class="img-fluid rounded-start" alt="...">

</div>

<div class="col-md-8">

<div class="card-body">

<h5 class="card-title">Card title</h5>

<p class="card-text">This is a wider card with supporting text below as a natural lead-in to additional content. This content is a little bit longer.</p>

<p class="card-text"><small class="text-muted">Last updated 3 mins ago</small></p>

</div>

</div>

</div>

</div>

<div class="card text-bg-primary mb-3" style="max-width: 18rem;">

<div class="card-header">Header</div>

<div class="card-body">

<h5 class="card-title">Primary card title</h5>

<p class="card-text">Some quick example text to build on the card title and make up the bulk of the card's content.</p>

</div>

</div>

<div class="card text-bg-secondary mb-3" style="max-width: 18rem;">

<div class="card-header">Header</div>

<div class="card-body">

<h5 class="card-title">Secondary card title</h5>

<p class="card-text">Some quick example text to build on the card title and make up the bulk of the card's content.</p>

</div>

</div>

<div class="card text-bg-success mb-3" style="max-width: 18rem;">

<div class="card-header">Header</div>

<div class="card-body">

<h5 class="card-title">Success card title</h5>

<p class="card-text">Some quick example text to build on the card title and make up the bulk of the card's content.</p>

</div>

</div>

<div class="card text-bg-danger mb-3" style="max-width: 18rem;">

<div class="card-header">Header</div>

<div class="card-body">

<h5 class="card-title">Danger card title</h5>

<p class="card-text">Some quick example text to build on the card title and make up the bulk of the card's content.</p>

</div>

</div>

<div class="card text-bg-warning mb-3" style="max-width: 18rem;">

<div class="card-header">Header</div>

<div class="card-body">

<h5 class="card-title">Warning card title</h5>

<p class="card-text">Some quick example text to build on the card title and make up the bulk of the card's content.</p>

</div>

</div>

<div class="card text-bg-info mb-3" style="max-width: 18rem;">

<div class="card-header">Header</div>

<div class="card-body">

<h5 class="card-title">Info card title</h5>

<p class="card-text">Some quick example text to build on the card title and make up the bulk of the card's content.</p>

</div>

</div>

<div class="card text-bg-light mb-3" style="max-width: 18rem;">

<div class="card-header">Header</div>

<div class="card-body">

<h5 class="card-title">Light card title</h5>

<p class="card-text">Some quick example text to build on the card title and make up the bulk of the card's content.</p>

</div>

</div>

<div class="card text-bg-dark mb-3" style="max-width: 18rem;">

<div class="card-header">Header</div>

<div class="card-body">

<h5 class="card-title">Dark card title</h5>

<p class="card-text">Some quick example text to build on the card title and make up the bulk of the card's content.</p>

</div>

</div>

<div class="card border-primary mb-3" style="max-width: 18rem;">

<div class="card-header">Header</div>

<div class="card-body text-primary">

<h5 class="card-title">Primary card title</h5>

<p class="card-text">Some quick example text to build on the card title and make up the bulk of the card's content.</p>

</div>

</div>

<div class="card border-secondary mb-3" style="max-width: 18rem;">

<div class="card-header">Header</div>

<div class="card-body text-secondary">

<h5 class="card-title">Secondary card title</h5>

<p class="card-text">Some quick example text to build on the card title and make up the bulk of the card's content.</p>

</div>

</div>

<div class="card border-success mb-3" style="max-width: 18rem;">

<div class="card-header">Header</div>

<div class="card-body text-success">

<h5 class="card-title">Success card title</h5>

<p class="card-text">Some quick example text to build on the card title and make up the bulk of the card's content.</p>

</div>

</div>

<div class="card border-danger mb-3" style="max-width: 18rem;">

<div class="card-header">Header</div>

<div class="card-body text-danger">

<h5 class="card-title">Danger card title</h5>

<p class="card-text">Some quick example text to build on the card title and make up the bulk of the card's content.</p>

</div>

</div>

<div class="card border-warning mb-3" style="max-width: 18rem;">

<div class="card-header">Header</div>

<div class="card-body">

<h5 class="card-title">Warning card title</h5>

<p class="card-text">Some quick example text to build on the card title and make up the bulk of the card's content.</p>

</div>

</div>

<div class="card border-info mb-3" style="max-width: 18rem;">

<div class="card-header">Header</div>

<div class="card-body">

<h5 class="card-title">Info card title</h5>

<p class="card-text">Some quick example text to build on the card title and make up the bulk of the card's content.</p>

</div>

</div>

<div class="card border-light mb-3" style="max-width: 18rem;">

<div class="card-header">Header</div>

<div class="card-body">

<h5 class="card-title">Light card title</h5>

<p class="card-text">Some quick example text to build on the card title and make up the bulk of the card's content.</p>

</div>

</div>

<div class="card border-dark mb-3" style="max-width: 18rem;">

<div class="card-header">Header</div>

<div class="card-body text-dark">

<h5 class="card-title">Dark card title</h5>

<p class="card-text">Some quick example text to build on the card title and make up the bulk of the card's content.</p>

</div>

</div>

***CAROUSEL***

<div id="carouselExampleCaptions" class="carousel slide" data-bs-ride="false">

<div class="carousel-indicators">

<button type="button" data-bs-target="#carouselExampleCaptions" data-bs-slide-to="0" class="active" aria-current="true" aria-label="Slide 1"></button>

<button type="button" data-bs-target="#carouselExampleCaptions" data-bs-slide-to="1" aria-label="Slide 2"></button>

<button type="button" data-bs-target="#carouselExampleCaptions" data-bs-slide-to="2" aria-label="Slide 3"></button>

</div>

<div class="carousel-inner">

<div class="carousel-item active">

<img src="..." class="d-block w-100" alt="...">

<div class="carousel-caption d-none d-md-block">

<h5>First slide label</h5>

<p>Some representative placeholder content for the first slide.</p>

</div>

</div>

<div class="carousel-item">

<img src="..." class="d-block w-100" alt="...">

<div class="carousel-caption d-none d-md-block">

<h5>Second slide label</h5>

<p>Some representative placeholder content for the second slide.</p>

</div>

</div>

<div class="carousel-item">

<img src="..." class="d-block w-100" alt="...">

<div class="carousel-caption d-none d-md-block">

<h5>Third slide label</h5>

<p>Some representative placeholder content for the third slide.</p>

</div>

</div>

</div>

<button class="carousel-control-prev" type="button" data-bs-target="#carouselExampleCaptions" data-bs-slide="prev">

<span class="carousel-control-prev-icon" aria-hidden="true"></span>

<span class="visually-hidden">Previous</span>

</button>

<button class="carousel-control-next" type="button" data-bs-target="#carouselExampleCaptions" data-bs-slide="next">

<span class="carousel-control-next-icon" aria-hidden="true"></span>

<span class="visually-hidden">Next</span>

</button>

</div>

<div id="carouselExampleDark" class="carousel carousel-dark slide" data-bs-ride="carousel">

<div class="carousel-indicators">

<button type="button" data-bs-target="#carouselExampleDark" data-bs-slide-to="0" class="active" aria-current="true" aria-label="Slide 1"></button>

<button type="button" data-bs-target="#carouselExampleDark" data-bs-slide-to="1" aria-label="Slide 2"></button>

<button type="button" data-bs-target="#carouselExampleDark" data-bs-slide-to="2" aria-label="Slide 3"></button>

</div>

<div class="carousel-inner">

<div class="carousel-item active" data-bs-interval="10000">

<img src="..." class="d-block w-100" alt="...">

<div class="carousel-caption d-none d-md-block">

<h5>First slide label</h5>

<p>Some representative placeholder content for the first slide.</p>

</div>

</div>

<div class="carousel-item" data-bs-interval="2000">

<img src="..." class="d-block w-100" alt="...">

<div class="carousel-caption d-none d-md-block">

<h5>Second slide label</h5>

<p>Some representative placeholder content for the second slide.</p>

</div>

</div>

<div class="carousel-item">

<img src="..." class="d-block w-100" alt="...">

<div class="carousel-caption d-none d-md-block">

<h5>Third slide label</h5>

<p>Some representative placeholder content for the third slide.</p>

</div>

</div>

</div>

<button class="carousel-control-prev" type="button" data-bs-target="#carouselExampleDark" data-bs-slide="prev">

<span class="carousel-control-prev-icon" aria-hidden="true"></span>

<span class="visually-hidden">Previous</span>

</button>

<button class="carousel-control-next" type="button" data-bs-target="#carouselExampleDark" data-bs-slide="next">

<span class="carousel-control-next-icon" aria-hidden="true"></span>

<span class="visually-hidden">Next</span>

</button>

</div>

***RATIO***

<div class="ratio ratio-16x9">

<iframe src="https://www.youtube.com/embed/zpOULjyy-n8?rel=0" title="YouTube video" allowfullscreen></iframe>

</div>

***RADIUS***

<img src="..." class="rounded" alt="...">

<img src="..." class="rounded-top" alt="...">

<img src="..." class="rounded-end" alt="...">

<img src="..." class="rounded-bottom" alt="...">

<img src="..." class="rounded-start" alt="...">

<img src="..." class="rounded-circle" alt="...">

<img src="..." class="rounded-pill" alt="...">

***SIZES***

<img src="..." class="rounded-0" alt="...">

<img src="..." class="rounded-1" alt="...">

<img src="..." class="rounded-2" alt="...">

<img src="..." class="rounded-3" alt="...">

<img src="..." class="rounded-4" alt="...">

<img src="..." class="rounded-5" alt="...">

***Hamberger button html, css, js;***

***Index.html***

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <link rel="stylesheet" href="style.css">

    <link rel="stylesheet" href="all.js">

    <title>index</title>

</head>

<body bgcolor="darkkhaki">

<div class="menu-btn" >

    <div class="menu-btn\_\_burger"></div>

<script src="all.js"></script>

</div>

</body>

</html>

***Style.css***

\*{

margin: 0;

padding: 0;

box-sizing:border-box;

}

body{

    background:rgb(33, 155, 236) ;

    display:flex ;

    justify-content:center;

    align-items:center;

    min-height: 100vh;

}

.menu-btn{

    display: flex;

    position: relative;

    justify-content: center;

    align-items: center;

    width:250px;

    height:250px;

    cursor: pointer;

    transition :all .5s ease-in-out;

    border: 3px solid rgb(127, 219, 14);

    }

.menu-btn\_\_burger{

    width: 250px;

    height: 10px;

    background: rebeccapurple;

    border-radius: 5px;

    box-shadow: 0 2px 5px royalblue;

    transition: all .5s ease-in-out;

}

.menu-btn\_\_burger{

    width: 250px;

    height: 10px;

    background: rebeccapurple;

    border-radius: 5px;

    box-shadow: 0 2px 5px royalblue;

    transition: all .5s ease-in-out;

}

.menu-btn\_\_burger::before,

.menu-btn\_\_burger::after{

    content: '';

    position: absolute;

    width: 250px;

    height: 10px;

    background: wheat;

    border-radius: 5px;

    box-shadow: 0 2px 5px chartreuse;

    transition: all .5s ease-in-out;

}

.menu-btn\_\_burger::before{

    transform: translateY(-16px);

}

.menu-btn\_\_burger::after{

    transform: translateY(16px);

}

.menu-btn.open .menu-btn\_\_burger{

    transform: translateX(-50px);

    background: transparent;

    box-shadow: none;

}

.menu-btn.open .menu-btn\_\_burger::before{

    transform: rotate(-45deg) translate(35px, -35px);

}

.menu-btn.open .menu-btn\_\_burger::after{

    transform: rotate(-45deg) translate(35px, 35px);

}

***All.js***

const menuBtn = document.querySelector('.menu-btn');

let menuOpen = false;

menuBtn.addEventListener('click',() => {})

if (!menuOpen){

    menuBtn.classList,add('open');

    menuOpen = true;

} else{

    menuBtn.classList.remove('open');

    menuOpen = false;

};

<body style="overflow: auto;"><div class="osano-cm-window" dir="ltr"><!----> <div hidden="" class="osano-visually-hidden"> <span id="osano-cm-aria.newWindow"><!---->Opens in a new window<!----></span> <span id="osano-cm-aria.external"><!---->Opens an external website<!----></span> <span id="osano-cm-aria.externalNewWindow"><!---->Opens an external website in a new window<!----></span> </div> <div role="dialog" id="8cb66227-8080-4519-bc57-6e696739ca13" aria-describedby="8cb66227-8080-4519-bc57-6e696739ca13\_\_label" class="osano-cm-window\_\_dialog osano-cm-dialog osano-cm-dialog--hidden osano-cm-dialog--position\_bottom osano-cm-dialog--type\_bar"> <button class="osano-cm-dialog\_\_close osano-cm-close"> <svg width="20px" height="20px" viewBox="0 0 20 20" role="img" aria-labelledby="b2791beb-6c64-4e34-9074-c4ebbf174563"> <title id="b2791beb-6c64-4e34-9074-c4ebbf174563"><!---->Close this dialog<!----></title> <line role="presentation" x1="2" y1="2" x2="18" y2="18"></line> <line role="presentation" x1="2" y1="18" x2="18" y2="2"></line> </svg> </button> <div class="osano-cm-dialog\_\_content osano-cm-content"> <span id="8cb66227-8080-4519-bc57-6e696739ca13\_\_label" class="osano-cm-content\_\_message osano-cm-message"> This website stores data such as cookies to enable essential site functionality, as well as marketing, personalization, and analytics. By remaining on this website you indicate your consent. </span> <!----><a rel="noopener" tabindex="0" href="https://www.hindawi.com/cookie-policy/" target="\_blank" class="osano-cm-storage-policy osano-cm-content\_\_link osano-cm-link" aria-describedby="osano-cm-aria.newWindow"><!---->Cookie Policy<!----></a><!----> </div> </div> <button id="5ace9b93-cfca-4ef6-bda9-81cbfdb37d4e" class="osano-cm-window\_\_widget osano-cm-widget osano-cm-widget--position\_left" title="Cookie Preferences" aria-label="Cookie Preferences"> <svg width="40" height="40" viewBox="0 0 71.85 72.23" xmlns="http://www.w3.org/2000/svg"> <path d="m67.6 36.73a6.26 6.26 0 0 1 -3.2-2.8 5.86 5.86 0 0 0 -5.2-3.1h-.3a11 11 0 0 1 -11.4-9.5 6 6 0 0 1 -.1-1.4 9.2 9.2 0 0 1 .4-2.9 8.65 8.65 0 0 0 .2-1.6 5.38 5.38 0 0 0 -1.9-4.3 7.3 7.3 0 0 1 -2.5-5.5 3.91 3.91 0 0 0 -3.5-3.9 36.46 36.46 0 0 0 -15 1.5 33.14 33.14 0 0 0 -22.1 22.7 35.62 35.62 0 0 0 -1.5 10.2 34.07 34.07 0 0 0 4.8 17.6.75.75 0 0 0 .07.12c.11.17 1.22 1.39 2.68 3-.36.47 5.18 6.16 5.65 6.52a34.62 34.62 0 0 0 55.6-21.9 4.38 4.38 0 0 0 -2.7-4.74z" stroke-width="3" style="fill: rgb(255, 255, 255); stroke: rgb(41, 36, 106);"></path> <path d="m68 41.13a32.37 32.37 0 0 1 -52 20.5l-2-1.56c-2.5-3.28-5.62-7.15-5.81-7.44a32 32 0 0 1 -4.5-16.5 34.3 34.3 0 0 1 1.4-9.6 30.56 30.56 0 0 1 20.61-21.13 33.51 33.51 0 0 1 14.1-1.4 1.83 1.83 0 0 1 1.6 1.8 9.38 9.38 0 0 0 3.3 7.1 3.36 3.36 0 0 1 1.2 2.6 3.37 3.37 0 0 1 -.1 1 12.66 12.66 0 0 0 -.5 3.4 9.65 9.65 0 0 0 .1 1.7 13 13 0 0 0 10.5 11.2 16.05 16.05 0 0 0 3.1.2 3.84 3.84 0 0 1 3.5 2 10 10 0 0 0 4.1 3.83 2 2 0 0 1 1.4 2z" stroke-width="3" style="fill: rgb(255, 255, 255); stroke: rgb(41, 36, 106);"></path> <g style="fill: rgb(55, 205, 143);"> <path d="m26.6 31.43a5.4 5.4 0 1 1 5.4-5.43 5.38 5.38 0 0 1 -5.33 5.43z"></path> <path d="m25.2 53.13a5.4 5.4 0 1 1 5.4-5.4 5.44 5.44 0 0 1 -5.4 5.4z"></path> <path d="m47.9 52.33a5.4 5.4 0 1 1 5.4-5.4 5.32 5.32 0 0 1 -5.24 5.4z"></path> </g> </svg> </button> <div role="dialog" aria-modal="true" id="5300870a-9e32-46c9-a3e2-a2c1f0ddc7da" aria-labelledby="5300870a-9e32-46c9-a3e2-a2c1f0ddc7da\_\_label" aria-hidden="true" class="osano-cm-window\_\_info-dialog osano-cm-info-dialog osano-cm-info-dialog--hidden"> <!----><span tabindex="0" aria-hidden="true" role="first"></span><!----> <div role="presentation" class="osano-cm-info-dialog\_\_info osano-cm-info osano-cm-info--position\_left"> <div role="presentation" class="osano-cm-info\_\_info-dialog-header osano-cm-info-dialog-header"> <p role="heading" aria-level="1" id="5300870a-9e32-46c9-a3e2-a2c1f0ddc7da\_\_label" class="osano-cm-info-dialog-header\_\_header osano-cm-header"> </p> <button class="osano-cm-info-dialog-header\_\_close osano-cm-close"> <svg width="20px" height="20px" viewBox="0 0 20 20" role="img" aria-labelledby="1d974b2d-d7f2-40c2-b8df-5a430ceaade3"> <title id="1d974b2d-d7f2-40c2-b8df-5a430ceaade3"><!---->Close Cookie Preferences<!----></title> <line role="presentation" x1="2" y1="2" x2="18" y2="18"></line> <line role="presentation" x1="2" y1="18" x2="18" y2="2"></line> </svg> </button> </div> <div role="presentation" class="osano-cm-info\_\_info-views osano-cm-info-views osano-cm-info-views--hidden osano-cm-info-views--position\_0" style="transform: translateX(0%);"> </div> </div> <!----><span tabindex="0" aria-hidden="true" role="last"></span><!----> </div> <!----></div><div id="\_\_next" data-reactroot=""><section class="ant-layout"><header class="ant-layout-header"><div class="header\_\_width-wrapper"><div class="ant-anchor-wrapper ant-anchor-logo" style="max-height: 100vh;"><div class="ant-anchor ant-anchor-fixed"><div class="ant-anchor-ink"><span class="ant-anchor-ink-ball"></span></div><div class="ant-anchor-link ant-link-logo"><a class="ant-anchor-link-title" href="/" title=""><div class="ant-image"><img alt="logo" class="ant-image-img ant-image-logo" src="https://dw4ietr7ergls.cloudfront.net/new/next\_assets/efb57ac4d8aef272578646b219e542/public/logo.svg"></div></a></div></div></div><div class="TopNavigation\_topNavigationWrapper\_\_wM6d4"><div class="TopNavigation\_rightSideMenuItems\_\_HiudG"><ul class="ant-menu-overflow ant-menu ant-menu-root ant-menu-horizontal ant-menu-light header-ant-menu-horizontal" role="menu" tabindex="0" data-menu-list="true" data-testid="desktop-menu"><li class="ant-menu-overflow-item ant-menu-item ant-menu-item-only-child" role="menuitem" tabindex="-1" data-menu-id="rc-menu-uuid-44755-1-Journals" style="opacity: 1; order: 0;"><span class="ant-menu-title-content"><a href="/journals/" aria-label="Journals">Journals</a></span></li><li class="ant-menu-overflow-item ant-menu-item ant-menu-item-only-child" role="menuitem" tabindex="-1" style="opacity: 1; order: 1;" data-menu-id="rc-menu-uuid-44755-1-Publish with us"><span class="ant-menu-title-content"><a href="/publish-research/" aria-label="Publish with us">Publish with us</a></span></li><li class="ant-menu-overflow-item ant-menu-item ant-menu-item-only-child" role="menuitem" tabindex="-1" style="opacity: 1; order: 2;" data-menu-id="rc-menu-uuid-44755-1-Publishing partnerships"><span class="ant-menu-title-content"><a href="/publishing-partnerships/" aria-label="Publishing partnerships">Publishing partnerships</a></span></li><li class="ant-menu-overflow-item ant-menu-item ant-menu-item-only-child" role="menuitem" tabindex="-1" style="opacity: 1; order: 3;" data-menu-id="rc-menu-uuid-44755-1-About us"><span class="ant-menu-title-content"><a href="/about/" aria-label="About us">About us</a></span></li><li class="ant-menu-overflow-item ant-menu-item ant-menu-item-only-child" role="menuitem" tabindex="-1" style="opacity: 1; order: 4;" data-menu-id="rc-menu-uuid-44755-1-Blog"><span class="ant-menu-title-content"><a href="/blog/" aria-label="Blog">Blog</a></span></li><li class="ant-menu-overflow-item ant-menu-overflow-item-rest ant-menu-submenu ant-menu-submenu-horizontal ant-menu-submenu-disabled" aria-hidden="true" role="none" style="opacity: 0; height: 0px; overflow-y: hidden; order: 2147483647; pointer-events: none; position: absolute;"><div role="menuitem" class="ant-menu-submenu-title" aria-expanded="false" aria-haspopup="true" data-menu-id="rc-menu-uuid-44755-1-rc-menu-more" aria-controls="rc-menu-uuid-44755-1-rc-menu-more-popup" aria-disabled="true"><span role="img" aria-label="ellipsis" class="anticon anticon-ellipsis"><svg viewBox="64 64 896 896" focusable="false" data-icon="ellipsis" width="1em" height="1em" fill="currentColor" aria-hidden="true"><path d="M176 511a56 56 0 10112 0 56 56 0 10-112 0zm280 0a56 56 0 10112 0 56 56 0 10-112 0zm280 0a56 56 0 10112 0 56 56 0 10-112 0z"></path></svg></span><i class="ant-menu-submenu-arrow"></i></div></li></ul><div aria-hidden="true" style="display: none;"></div><button data-testid="search-button-icon" aria-label="Search" disabled="" type="button" class="ant-btn SearchToggleButton\_btn\_\_mko8L"><span role="img" class="anticon SearchToggleButton\_icon\_\_JSLAV"><svg width="1em" height="1em" viewBox="0 0 26 26" fill="none"><path fill-rule="evenodd" clip-rule="evenodd" d="M22.1,23.813l-5.478-5.479a10.282,10.282,0,1,1,1.709-1.709L23.813,22.1a1.209,1.209,0,0,1-1.71,1.71ZM2.416,10.27A7.851,7.851,0,0,0,15.78,15.864l.041-.043.043-.041A7.853,7.853,0,1,0,2.416,10.27Z" fill="currentColor"></path></svg></span></button><div></div><button data-testid="menu-button-icon" aria-label="Menu" type="button" class="ant-btn MenuToggleButton\_btn\_\_GEMzC"><span role="img" class="anticon MenuToggleButton\_icon\_\_1MUrE"><svg width="1em" height="1em" viewBox="0 -2 28 28" fill="none"><path fill-rule="evenodd" clip-rule="evenodd" d="M1.833,25.667a1.834,1.834,0,0,1,0-3.668H25.667a1.834,1.834,0,0,1,0,3.668Zm0-11a1.833,1.833,0,0,1,0-3.666H25.667a1.833,1.833,0,0,1,0,3.666Zm0-11A1.833,1.833,0,1,1,1.833,0H25.667a1.833,1.833,0,0,1,0,3.666Z" fill="currentColor"></path></svg></span></button><div></div></div></div></div></header><main class="ant-layout-content SearchLayout\_searchLayoutWrapper\_\_\_rtex"><div class="SearchLayout\_searchLayoutWrapper\_\_searchBar\_\_MLdkt"><div class="ant-input-searchBarWrapper false

false"><span class="ant-input-group-wrapper ant-input-search ant-input-search-with-button ant-input-searchBar"><span class="ant-input-wrapper ant-input-group"><span class="ant-input-affix-wrapper"><span class="ant-input-prefix"><span role="img" class="anticon"><svg width="1em" height="1em" viewBox="0 0 26 26" fill="none"><path fill-rule="evenodd" clip-rule="evenodd" d="M22.1,23.813l-5.478-5.479a10.282,10.282,0,1,1,1.709-1.709L23.813,22.1a1.209,1.209,0,0,1-1.71,1.71ZM2.416,10.27A7.851,7.851,0,0,0,15.78,15.864l.041-.043.043-.041A7.853,7.853,0,1,0,2.416,10.27Z" fill="currentColor"></path></svg></span></span><input aria-label="Enter keywords to be searched" class="ant-input" type="text" value=""></span><span class="ant-input-group-addon"><button type="button" class="ant-btn ant-btn-primary ant-input-search-button"><span>Search articles</span></button></span></span></span><div class="ant-input-helpText">Refine your search by using AND, OR , NOT , ( ) , “ ”</div></div></div><div class="ant-breadcrumb"><span><span class="ant-breadcrumb-link"><a href="/" aria-label="Hindawi">Hindawi</a></span><span class="ant-breadcrumb-separator">/</span></span><span><span class="ant-breadcrumb-link">Search</span><span class="ant-breadcrumb-separator">/</span></span></div><div class="SearchLayout\_searchArea\_\_1q0R2"><div class="SearchFilters\_searchArea\_filters\_\_ESV82 false"><div class=""><div class="ant-card ant-card-bordered SearchFilterCard\_searchArea\_filters\_card\_\_btLuq"><div class="ant-card-body"><div class="SearchFilterCard\_searchArea\_filters\_card\_\_title\_\_slrad"><span>Advanced search</span><div class="SearchFilterCard\_searchArea\_filters\_card\_\_actions\_\_wDbvy"><button type="button" class="ant-btn SearchFilters\_searchArea\_filters\_\_clearBtn\_\_QcAAY btn-secondary"><span>Clear</span></button><span role="img" tabindex="-1" class="anticon SearchFilters\_searchArea\_filters\_\_closeBtn\_\_k7eFq"><svg width="1em" height="1em" viewBox="0 0 32 32" fill="none"><path fill-rule="evenodd" clip-rule="evenodd" d="M27.56 6.561a1.5 1.5 0 10-2.12-2.122l-9.434 9.434-9.444-9.434a1.502 1.502 0 00-2.123 0 1.498 1.498 0 000 2.12l9.445 9.435-9.445 9.445a1.5 1.5 0 102.122 2.122l9.446-9.446 9.443 9.433a1.502 1.502 0 002.123 0 1.498 1.498 0 000-2.12l-9.445-9.435 9.433-9.432z" fill="currentColor"></path></svg></span></div></div></div></div><div class="ant-card ant-card-bordered SearchFilterCard\_searchArea\_filters\_card\_\_btLuq"><div class="ant-card-body"><div class="SearchFilterCard\_searchArea\_filters\_card\_\_title\_\_slrad"><span>Journal</span><div class="SearchFilterCard\_searchArea\_filters\_card\_\_actions\_\_wDbvy"></div></div><div class="select-multiple"><div class="ant-select ant-select-multiple ant-select-show-search" aria-label="Select journal name"><div class="ant-select-selector"><div class="ant-select-selection-overflow"><div class="ant-select-selection-overflow-item ant-select-selection-overflow-item-suffix" style="opacity: 1;"><div class="ant-select-selection-search" style="width: 4px;"><input type="search" autocomplete="off" class="ant-select-selection-search-input" role="combobox" aria-haspopup="listbox" aria-owns="rc\_select\_0\_list" aria-autocomplete="list" aria-controls="rc\_select\_0\_list" aria-activedescendant="rc\_select\_0\_list\_0" aria-label="Select journal name" readonly="" unselectable="on" value="" style="opacity: 0;" id="rc\_select\_0"><span class="ant-select-selection-search-mirror" aria-hidden="true">&nbsp;</span></div></div></div><span class="ant-select-selection-placeholder"></span></div></div><span role="img" class="anticon select-multiple-arrow"><svg width="1em" height="1em" viewBox="0 0 32 32" fill="none"><path fill-rule="evenodd" clip-rule="evenodd" d="M17.773 23.453l11.2-11.265a1.918 1.918 0 000-2.641 1.75 1.75 0 00-2.542 0l-9.929 10.101-9.933-10.1a1.75 1.75 0 00-2.542 0 1.919 1.919 0 000 2.64L15.23 23.453c.352.365.811.547 1.271.547.46 0 .92-.182 1.271-.547z" fill="currentColor"></path></svg></span><div class="placeholder">Enter journal name</div></div></div></div><div class="ant-card ant-card-bordered SearchFilterCard\_searchArea\_filters\_card\_\_btLuq"><div class="ant-card-body"><div class="SearchFilterCard\_searchArea\_filters\_card\_\_title\_\_slrad"><span>Where</span><div class="SearchFilterCard\_searchArea\_filters\_card\_\_actions\_\_wDbvy"></div></div><div class="ant-radio-group ant-radio-group-outline"><label class="ant-radio-wrapper"><span class="ant-radio"><input type="radio" class="ant-radio-input" value="abstract"><span class="ant-radio-inner"></span></span><span>Abstract Only</span></label><label class="ant-radio-wrapper"><span class="ant-radio"><input type="radio" class="ant-radio-input" value="title"><span class="ant-radio-inner"></span></span><span>Title Only</span></label></div></div></div><div class="ant-card ant-card-bordered SearchFilterCard\_searchArea\_filters\_card\_\_btLuq"><div class="ant-card-body"><div class="SearchFilterCard\_searchArea\_filters\_card\_\_title\_\_slrad"><span>Publishing year</span><div class="SearchFilterCard\_searchArea\_filters\_card\_\_actions\_\_wDbvy"></div></div><div class="ant-row" style="margin-left: -8px; margin-right: -8px; row-gap: 0px;"><div class="ant-col ant-col-12" style="padding-left: 8px; padding-right: 8px;"><strong class="PublishingYears\_publishingYear\_title\_\_7rv3D">From</strong><div class="ant-select ant-select-single ant-select-show-arrow" aria-label="Select from year"><div class="ant-select-selector"><span class="ant-select-selection-search"><input type="search" autocomplete="off" class="ant-select-selection-search-input" role="combobox" aria-haspopup="listbox" aria-owns="rc\_select\_1\_list" aria-autocomplete="list" aria-controls="rc\_select\_1\_list" aria-activedescendant="rc\_select\_1\_list\_0" aria-label="Select from year" readonly="" unselectable="on" value="" style="opacity: 0;" id="rc\_select\_1"></span><span class="ant-select-selection-placeholder">YYYY</span></div><span class="ant-select-arrow" unselectable="on" aria-hidden="true" style="user-select: none;"><span role="img" class="anticon"><svg width="1em" height="1em" viewBox="0 0 32 32" fill="none"><path fill-rule="evenodd" clip-rule="evenodd" d="M17.773 23.453l11.2-11.265a1.918 1.918 0 000-2.641 1.75 1.75 0 00-2.542 0l-9.929 10.101-9.933-10.1a1.75 1.75 0 00-2.542 0 1.919 1.919 0 000 2.64L15.23 23.453c.352.365.811.547 1.271.547.46 0 .92-.182 1.271-.547z" fill="currentColor"></path></svg></span></span></div></div><div class="ant-col ant-col-12" style="padding-left: 8px; padding-right: 8px;"><strong class="PublishingYears\_publishingYear\_title\_\_7rv3D">Till</strong><div class="ant-select ant-select-single ant-select-show-arrow" aria-label="Select to year"><div class="ant-select-selector"><span class="ant-select-selection-search"><input type="search" autocomplete="off" class="ant-select-selection-search-input" role="combobox" aria-haspopup="listbox" aria-owns="rc\_select\_2\_list" aria-autocomplete="list" aria-controls="rc\_select\_2\_list" aria-activedescendant="rc\_select\_2\_list\_0" aria-label="Select to year" readonly="" unselectable="on" value="" style="opacity: 0;" id="rc\_select\_2"></span><span class="ant-select-selection-placeholder">YYYY</span></div><span class="ant-select-arrow" unselectable="on" aria-hidden="true" style="user-select: none;"><span role="img" class="anticon"><svg width="1em" height="1em" viewBox="0 0 32 32" fill="none"><path fill-rule="evenodd" clip-rule="evenodd" d="M17.773 23.453l11.2-11.265a1.918 1.918 0 000-2.641 1.75 1.75 0 00-2.542 0l-9.929 10.101-9.933-10.1a1.75 1.75 0 00-2.542 0 1.919 1.919 0 000 2.64L15.23 23.453c.352.365.811.547 1.271.547.46 0 .92-.182 1.271-.547z" fill="currentColor"></path></svg></span></span></div></div></div></div></div><div class="ant-card ant-card-bordered SearchFilterCard\_searchArea\_filters\_card\_\_btLuq"><div class="ant-card-body"><div class="SearchFilterCard\_searchArea\_filters\_card\_\_title\_\_slrad"><span>Article type</span><div class="SearchFilterCard\_searchArea\_filters\_card\_\_actions\_\_wDbvy"></div></div><div class="select-multiple"><div class="ant-select ant-select-multiple ant-select-show-search" aria-label="Select article type"><div class="ant-select-selector"><div class="ant-select-selection-overflow"><div class="ant-select-selection-overflow-item ant-select-selection-overflow-item-suffix" style="opacity: 1;"><div class="ant-select-selection-search" style="width: 4px;"><input type="search" autocomplete="off" class="ant-select-selection-search-input" role="combobox" aria-haspopup="listbox" aria-owns="rc\_select\_3\_list" aria-autocomplete="list" aria-controls="rc\_select\_3\_list" aria-activedescendant="rc\_select\_3\_list\_0" aria-label="Select article type" readonly="" unselectable="on" value="" style="opacity: 0;" id="rc\_select\_3"><span class="ant-select-selection-search-mirror" aria-hidden="true">&nbsp;</span></div></div></div><span class="ant-select-selection-placeholder"></span></div></div><span role="img" class="anticon select-multiple-arrow"><svg width="1em" height="1em" viewBox="0 0 32 32" fill="none"><path fill-rule="evenodd" clip-rule="evenodd" d="M17.773 23.453l11.2-11.265a1.918 1.918 0 000-2.641 1.75 1.75 0 00-2.542 0l-9.929 10.101-9.933-10.1a1.75 1.75 0 00-2.542 0 1.919 1.919 0 000 2.64L15.23 23.453c.352.365.811.547 1.271.547.46 0 .92-.182 1.271-.547z" fill="currentColor"></path></svg></span><div class="placeholder">Select article type</div></div></div></div><div class="ant-card ant-card-bordered SearchFilterCard\_searchArea\_filters\_card\_\_btLuq"><div class="ant-card-body"><div class="SearchFilterCard\_searchArea\_filters\_card\_\_title\_\_slrad"><span>Author</span><div class="SearchFilterCard\_searchArea\_filters\_card\_\_actions\_\_wDbvy"></div></div><div class="input-with-list"><span class="ant-input-affix-wrapper ant-input-affix-wrapper-lg"><input placeholder="Enter author name and press '+'" aria-label="Enter author name" type="text" class="ant-input ant-input-lg" value=""><span class="ant-input-suffix"><span role="img" tabindex="-1" class="anticon"><svg width="1em" height="1em" viewBox="0 0 32 32" fill="none"><path fill-rule="evenodd" clip-rule="evenodd" d="M25.982 13.982H18.02V6.017a2.02 2.02 0 00-4.038 0v7.965H6.02A2.02 2.02 0 004 16a2.02 2.02 0 002.019 2.017h7.962v7.965A2.02 2.02 0 0016 28a2.02 2.02 0 002.019-2.018v-7.965h7.963A2.02 2.02 0 0028 16a2.02 2.02 0 00-2.018-2.018z" fill="currentColor"></path></svg></span></span></span></div></div></div></div><div class=""><div class="ant-card ant-card-bordered SearchFilterCard\_searchArea\_filters\_card\_\_btLuq"><div class="ant-card-body"><button type="button" class="ant-btn ant-btn-primary ant-btn-lg ant-btn-block"><span>Update results</span></button></div></div></div></div><div id="searchContent" class="SearchContent\_searchArea\_content\_\_mxdzu false" style="min-height: 60px;"><div class="ant-row SearchContent\_searchArea\_content\_\_titleWrapper\_\_UN0Ua" style="row-gap: 0px;"><div class="ant-col SearchContent\_searchArea\_content\_\_btnWrapper\_\_9aonA"><button aria-label="Toggle Filters" type="button" class="ant-btn ant-btn-ghost"><span role="img" class="anticon"><svg xmlns="http://www.w3.org/2000/svg" width="1em" height="1em" viewBox="0 0 23 21"><path d="M0,0H21L12.532,9.6V19L8.554,16.8V9.6Z" transform="translate(1 1)" fill="none" stroke="#4a4a4a" stroke-linecap="round" stroke-linejoin="round" stroke-miterlimit="10" stroke-width="2"></path></svg></span></button></div><div class="ant-col SearchContent\_searchArea\_content\_\_title\_\_68o3p">Results: 0</div></div></div></div></main><footer class="ant-layout-footer"><div class="footer-main-nav-section"><div class="footer-main-nav"><div class="ant-col footer-main-nav\_\_column"><ul class="ant-menu ant-menu-root ant-menu-vertical ant-menu-light footer-main-nav\_\_menu" role="menu" tabindex="0" data-menu-list="true"><li class="ant-menu-item ant-menu-item-only-child footer-main-nav\_\_item" role="menuitem" tabindex="-1" data-menu-id="rc-menu-uuid-44755-2-About Us"><span class="ant-menu-title-content"><a href="/about/" aria-label="About Us">About Us</a></span></li><li class="ant-menu-item ant-menu-item-only-child footer-main-nav\_\_item" role="menuitem" tabindex="-1" data-menu-id="rc-menu-uuid-44755-2-Contact us"><span class="ant-menu-title-content"><a href="/about/contact/" aria-label="Contact us">Contact us</a></span></li><li class="ant-menu-item ant-menu-item-only-child footer-main-nav\_\_item" role="menuitem" tabindex="-1" data-menu-id="rc-menu-uuid-44755-2-Partnerships"><span class="ant-menu-title-content"><a href="/publishing-partnerships/" aria-label="Partnerships">Partnerships</a></span></li><li class="ant-menu-item ant-menu-item-only-child footer-main-nav\_\_item" role="menuitem" tabindex="-1" data-menu-id="rc-menu-uuid-44755-2-Blog"><span class="ant-menu-title-content"><a href="/blog/" aria-label="Blog">Blog</a></span></li></ul><div aria-hidden="true" style="display: none;"></div></div><div class="ant-col footer-main-nav\_\_column"><ul class="ant-menu ant-menu-root ant-menu-vertical ant-menu-light footer-main-nav\_\_menu" role="menu" tabindex="0" data-menu-list="true"><li class="ant-menu-item ant-menu-item-only-child footer-main-nav\_\_item" role="menuitem" tabindex="-1" data-menu-id="rc-menu-uuid-44755-3-Journals"><span class="ant-menu-title-content"><a href="/journals/" aria-label="Journals">Journals</a></span></li><li class="ant-menu-item ant-menu-item-only-child footer-main-nav\_\_item" role="menuitem" tabindex="-1" data-menu-id="rc-menu-uuid-44755-3-Article Processing Charges"><span class="ant-menu-title-content"><a href="/publish-research/authors/article-processing-charges/" aria-label="Article Processing Charges">Article Processing Charges</a></span></li><li class="ant-menu-item ant-menu-item-only-child footer-main-nav\_\_item" role="menuitem" tabindex="-1" data-menu-id="rc-menu-uuid-44755-3-Print editions"><span class="ant-menu-title-content"><a href="/print-editions/" aria-label="Print editions">Print editions</a></span></li></ul><div aria-hidden="true" style="display: none;"></div></div><div class="ant-col footer-main-nav\_\_column"><ul class="ant-menu ant-menu-root ant-menu-vertical ant-menu-light footer-main-nav\_\_menu" role="menu" tabindex="0" data-menu-list="true"><li class="ant-menu-item ant-menu-item-only-child footer-main-nav\_\_item" role="menuitem" tabindex="-1" data-menu-id="rc-menu-uuid-44755-4-Authors"><span class="ant-menu-title-content"><a href="/publish-research/authors/" aria-label="Authors">Authors</a></span></li><li class="ant-menu-item ant-menu-item-only-child footer-main-nav\_\_item" role="menuitem" tabindex="-1" data-menu-id="rc-menu-uuid-44755-4-Editors"><span class="ant-menu-title-content"><a href="/publish-research/editors/" aria-label="Editors">Editors</a></span></li><li class="ant-menu-item ant-menu-item-only-child footer-main-nav\_\_item" role="menuitem" tabindex="-1" data-menu-id="rc-menu-uuid-44755-4-Reviewers"><span class="ant-menu-title-content"><a href="/publish-research/reviewers/" aria-label="Reviewers">Reviewers</a></span></li></ul><div aria-hidden="true" style="display: none;"></div></div><div class="ant-col footer-main-nav\_\_column"><ul class="ant-menu ant-menu-root ant-menu-vertical ant-menu-light footer-main-nav\_\_menu" role="menu" tabindex="0" data-menu-list="true"><li class="ant-menu-item ant-menu-item-only-child footer-main-nav\_\_item" role="menuitem" tabindex="-1" data-menu-id="rc-menu-uuid-44755-5-Hindawi XML Corpus"><span class="ant-menu-title-content"><a href="/hindawi-xml-corpus/" aria-label="Hindawi XML Corpus">Hindawi XML Corpus</a></span></li><li class="ant-menu-item ant-menu-item-only-child footer-main-nav\_\_item" role="menuitem" tabindex="-1" data-menu-id="rc-menu-uuid-44755-5-Open Archives Initiative"><span class="ant-menu-title-content"><a href="/open-archives-initiative/" aria-label="Open Archives Initiative">Open Archives Initiative</a></span></li><li class="ant-menu-item ant-menu-item-only-child footer-main-nav\_\_item" role="menuitem" tabindex="-1" data-menu-id="rc-menu-uuid-44755-5-Fraud prevention"><span class="ant-menu-title-content"><a href="/preventing-and-protecting-against-fraud/" aria-label="Fraud prevention">Fraud prevention</a></span></li></ul><div aria-hidden="true" style="display: none;"></div></div></div><div class="social-links">Follow us:<div class="social-links\_\_icons"><a aria-label="Twitter" rel="noopener noreferrer" href="https://twitter.com/hindawi" target="\_blank" class="social-links\_\_icon"><span role="img" class="anticon"><svg xmlns="http://www.w3.org/2000/svg" width="40" height="40" viewBox="0 0 40 40" fill="none"><path fill-rule="evenodd" clip-rule="evenodd" d="M0 20C0 8.95599 8.95599 0 20 0C31.044 0 40 8.95599 40 20C40 31.044 31.044 40 20 40C8.95599 40 0 31.044 0 20ZM29.1449 16.1871C29.1449 15.9885 29.1406 15.7907 29.1318 15.5939C30.0281 14.946 30.8072 14.1373 31.4215 13.2166C30.5991 13.5822 29.7141 13.8284 28.7854 13.9395C29.7333 13.371 30.4608 12.4719 30.8041 11.4005C29.917 11.9263 28.9349 12.3083 27.8891 12.5146C27.0514 11.6223 25.8588 11.0641 24.5383 11.0641C22.0032 11.0641 19.9472 13.1201 19.9472 15.6543C19.9472 16.0144 19.9878 16.3647 20.0665 16.701C16.2512 16.5091 12.868 14.6823 10.6042 11.9046C10.21 12.583 9.9826 13.371 9.9826 14.212C9.9826 15.8047 10.7928 17.2107 12.0255 18.0331C11.2723 18.0099 10.5649 17.803 9.94629 17.4591C9.94568 17.4783 9.94568 17.4969 9.94568 17.5177C9.94568 19.7406 11.528 21.597 13.6285 22.0175C13.2428 22.1228 12.8369 22.1793 12.4179 22.1793C12.1228 22.1793 11.835 22.15 11.5552 22.0963C12.1399 23.9203 13.8342 25.2475 15.8438 25.2847C14.2725 26.5161 12.2931 27.2498 10.1422 27.2498C9.77203 27.2498 9.40643 27.2287 9.04724 27.1863C11.0788 28.4885 13.4912 29.2484 16.0837 29.2484C24.5276 29.248 29.1449 22.2531 29.1449 16.1871Z" fill="#F2F2F2"></path></svg></span></a><a aria-label="Linkedin" rel="noopener noreferrer" href="https://www.linkedin.com/company/hindawilimited/" target="\_blank" class="social-links\_\_icon"><span role="img" class="anticon"><svg width="40" height="40" viewBox="0 0 40 40" fill="none" xmlns="http://www.w3.org/2000/svg"><path fill-rule="evenodd" clip-rule="evenodd" d="M0 20C0 8.95599 8.95599 0 20 0C31.044 0 40 8.95599 40 20C40 31.044 31.044 40 20 40C8.95599 40 0 31.044 0 20ZM9.31732 30.2344H14.1882V15.5801H9.31732V30.2344ZM11.7529 13.5791H11.7212C10.0867 13.5791 9.02954 12.4539 9.02954 11.0477C9.02954 9.60968 10.119 8.51562 11.7853 8.51562C13.4515 8.51562 14.4769 9.60968 14.5087 11.0477C14.5087 12.4539 13.4515 13.5791 11.7529 13.5791ZM26.8814 30.2344H31.7517V21.8317C31.7517 17.3306 29.3488 15.2362 26.1441 15.2362C23.5599 15.2362 22.4017 16.6565 21.7545 17.655V15.5801H16.8839C16.9476 16.955 16.8839 30.2344 16.8839 30.2344H21.7545V22.0508C21.7545 21.6129 21.7859 21.1752 21.9147 20.8621C22.2668 19.9872 23.0682 19.0808 24.4138 19.0808C26.1761 19.0808 26.8814 20.4245 26.8814 22.3947V30.2344Z" fill="#F2F2F2"></path></svg></span></a><a aria-label="Youtube" rel="noopener noreferrer" href="https://www.youtube.com/channel/UCDIK\_O7FATPEkhad\_sQVaSg" target="\_blank" class="social-links\_\_icon"><span role="img" class="anticon"><svg width="40" height="40" viewBox="0 0 40 40" fill="none" xmlns="http://www.w3.org/2000/svg"><path d="M17.2973 23.7838L23.7838 20L17.2973 16.2162V23.7838Z" fill="#F2F2F2"></path><path fill-rule="evenodd" clip-rule="evenodd" d="M0 20C0 8.95599 8.95599 0 20 0C31.044 0 40 8.95599 40 20C40 31.044 31.044 40 20 40C8.95599 40 0 31.044 0 20ZM31.9824 26.0324C32.4969 24.0765 32.4969 20.0204 32.4969 20.0204C32.4969 20.0204 32.5177 15.9442 31.9824 13.9883C31.694 12.9178 30.8499 12.0734 29.7794 11.7853C27.8235 11.25 20 11.25 20 11.25C20 11.25 12.1765 11.25 10.2206 11.7648C9.17053 12.0529 8.30566 12.9178 8.01758 13.9883C7.50275 15.9442 7.50275 20 7.50275 20C7.50275 20 7.50275 24.0765 8.01758 26.0117C8.30597 27.0822 9.15009 27.9266 10.2206 28.2147C12.197 28.75 20 28.75 20 28.75C20 28.75 27.8235 28.75 29.7794 28.2352C30.8499 27.9471 31.694 27.103 31.9824 26.0324Z" fill="#F2F2F2"></path></svg></span></a><a aria-label="Facebook" rel="noopener noreferrer" href="https://www.facebook.com/HindawiLimited/" target="\_blank" class="social-links\_\_icon"><span role="img" class="anticon"><svg width="40" height="39" viewBox="0 0 40 39" fill="none" xmlns="http://www.w3.org/2000/svg"><path d="M40 19.4595C40 8.71394 31.044 0 20 0C8.95599 0 0 8.71394 0 19.4595C0 30.205 8.95599 38.9189 20 38.9189C20.1175 38.9189 20.2344 38.9165 20.3516 38.9145V23.7661H16.0547V18.8938H20.3516V15.3084C20.3516 11.1502 22.9605 8.88705 26.7728 8.88705C28.5983 8.88705 30.1675 9.01948 30.625 9.07857V13.4244H27.9962C25.9222 13.4244 25.5206 14.3835 25.5206 15.7906V18.8938H30.4797L29.8334 23.7661H25.5206V38.1671C33.8803 35.8353 40 28.3418 40 19.4595Z" fill="#F2F2F2"></path></svg></span></a></div></div></div><div class="footer-minor-nav"><span><a href="/privacy/" class="footer-minor-nav\_\_link" aria-label="Privacy Policy">Privacy Policy</a><div class="ant-divider ant-divider-vertical" role="separator"></div></span><span><a href="/terms/" class="footer-minor-nav\_\_link" aria-label="Terms of Service">Terms of Service</a><div class="ant-divider ant-divider-vertical" role="separator"></div></span><span><a href="/responsible-disclosure-policy/" class="footer-minor-nav\_\_link" aria-label="Responsible Disclosure Policy">Responsible Disclosure Policy</a><div class="ant-divider ant-divider-vertical" role="separator"></div></span><span><a href="/cookie-policy/" class="footer-minor-nav\_\_link" aria-label="Cookie Policy">Cookie Policy</a><div class="ant-divider ant-divider-vertical" role="separator"></div></span><span><a href="/copyright/" class="footer-minor-nav\_\_link" aria-label="Copyright">Copyright</a><div class="ant-divider ant-divider-vertical" role="separator"></div></span><span><a class="footer-minor-nav\_\_link" aria-label="Cookie Preferences">Cookie Preferences</a></span></div></footer></section><noscript>

<iframe src="//www.googletagmanager.com/ns.html?id=GTM-MQ4MGW"

height="0" width="0" style="display:none;visibility:hidden"></iframe></noscript></div><script id="\_\_NEXT\_DATA\_\_" type="application/json">{"props":{"pageProps":{"articles":[],"journals":["Abstract and Applied Analysis","Active and Passive Electronic Components","Adsorption Science \u0026 Technology","Advanced Gut \u0026 Microbiome Research","Advances in Acoustics and Vibration","Advances in Aerospace Engineering","Advances in Agriculture","Advances in Anatomy","Advances in Andrology","Advances in Anesthesiology","Advances in Artificial Intelligence","Advances in Artificial Neural Systems","Advances in Astronomy","Advances in Bioinformatics","Advances in Biology","Advances in Biomaterials","Advances in Botany","Advances in Cell and Gene Therapy","Advances in Chemistry","Advances in Civil Engineering","Advances in Computer Engineering","Advances in Condensed Matter Physics","Advances in Critical Care","Advances in Decision Sciences","Advances in Ecology","Advances in Electrical Engineering","Advances in Electronics","Advances in Emergency Medicine","Advances in Endocrinology","Advances in Environmental Chemistry","Advances in Epidemiology","Advances in Evolutionary Biology","Advances in Fuzzy Systems","Advances in Geology","Advances in Geriatrics","Advances in Hematology","Advances in Hepatology","Advances in High Energy Physics","Advances in Human-Computer Interaction","Advances in Materials Science and Engineering","Advances in Mathematical Physics","Advances in Medicine","Advances in Meteorology","Advances in Molecular Biology","Advances in Multimedia","Advances in Nephrology","Advances in Neuroscience","Advances in Numerical Analysis","Advances in Nursing","Advances in Oceanography","Advances in Operations Research","Advances in Optical Technologies","Advances in Optics","Advances in OptoElectronics","Advances in Orthopedic Surgery","Advances in Orthopedics","Advances in Otolaryngology","Advances in Pharmaceutics","Advances in Pharmacological and Pharmaceutical Sciences","Advances in Pharmacological Sciences","Advances in Physical Chemistry","Advances in Polymer Technology","Advances in Power Electronics","Advances in Preventive Medicine","Advances in Psychiatry","Advances in Public Health","Advances in Radiology","Advances in Regenerative Medicine","Advances in Software Engineering","Advances in Statistics","Advances in Toxicology","Advances in Tribology","Advances in Urology","Advances in Vascular Medicine","Advances in Virology","Advances in Zoology","AIDS Research and Treatment","Algebra","Analytical Cellular Pathology","Anatomy Research International","Anemia","Anesthesiology Research and Practice","Applied and Environmental Soil Science","Applied Bionics and Biomechanics","Applied Computational Intelligence and Soft Computing","Aquaculture Nutrition","Archaea","Arthritis","Asian Journal of Neuroscience","Autism Research and Treatment","Autoimmune Diseases","Behavioural Neurology","Biochemistry Research International","Bioinorganic Chemistry and Applications","BioMed Research International","Biotechnology Research International","Bone Marrow Research","Canadian Journal of Gastroenterology and Hepatology","Canadian Journal of Infectious Diseases and Medical Microbiology","Canadian Respiratory Journal","Cardiology Research and Practice","Cardiovascular Psychiatry and Neurology","Cardiovascular Therapeutics","Case Reports in Anesthesiology","Case Reports in Cardiology","Case Reports in Critical Care","Case Reports in Dentistry","Case Reports in Dermatological Medicine","Case Reports in Emergency Medicine","Case Reports in Endocrinology","Case Reports in Gastrointestinal Medicine","Case Reports in Genetics","Case Reports in Hematology","Case Reports in Hepatology","Case Reports in Immunology","Case Reports in Infectious Diseases","Case Reports in Medicine","Case Reports in Nephrology","Case Reports in Neurological Medicine","Case Reports in Obstetrics and Gynecology","Case Reports in Oncological Medicine","Case Reports in Ophthalmological Medicine","Case Reports in Orthopedics","Case Reports in Otolaryngology","Case Reports in Pathology","Case Reports in Pediatrics","Case Reports in Psychiatry","Case Reports in Pulmonology","Case Reports in Radiology","Case Reports in Rheumatology","Case Reports in Surgery","Case Reports in Transplantation","Case Reports in Urology","Case Reports in Vascular Medicine","Case Reports in Veterinary Medicine","Cellular Microbiology","Chemotherapy Research and Practice","Child Development Research","Chinese Journal of Biology","Chinese Journal of Engineering","Chinese Journal of Mathematics","Cholesterol","Chromatography Research International","Complexity","Computational and Mathematical Methods","Computational and Mathematical Methods in Medicine","Computational Biology Journal","Computational Intelligence and Neuroscience","Concepts in Magnetic Resonance Part A, Bridging Education and Research","Concepts in Magnetic Resonance Part B, Magnetic Resonance Engineering","Conference Papers in Mathematics","Conference Papers in Science","Contrast Media \u0026 Molecular Imaging","Critical Care Research and Practice","Current Gerontology and Geriatrics Research","Dataset Papers in Science","Depression Research and Treatment","Dermatology Research and Practice","Developmental Biology Journal","Diagnostic and Therapeutic Endoscopy","Discrete Dynamics in Nature and Society","Disease Markers","E-Journal of Chemistry","Economics Research International","Education Research International","Emergency Medicine International","Enzyme Research","Epidemiology Research International","Epilepsy Research and Treatment","Evidence-Based Complementary and Alternative Medicine","Evidence-based Complementary and Alternative Medicine","Experimental Diabesity Research","Experimental Diabetes Research","Game Theory","Gastroenterology Research and Practice","GastroHep","Genetics Research","Genetics Research International","Geofluids","Geography Journal","Geometry","Global Health, Epidemiology and Genomics","Headache Research and Treatment","Hepatitis Research and Treatment","Heteroatom Chemistry","HPB Surgery","Human Behavior and Emerging Technologies","Indian Journal of Materials Science","Infectious Diseases in Obstetrics and Gynecology","Influenza Research and Treatment","Interdisciplinary Perspectives on Infectious Diseases","International Journal of Aerospace Engineering","International Journal of Agronomy","International Journal of Alzheimer’s Disease","International Journal of Analysis","International Journal of Analytical Chemistry","International Journal of Antennas and Propagation","International Journal of Antibiotics","International Journal of Atmospheric Sciences","International Journal of Bacteriology","International Journal of Biodiversity","International Journal of Biomaterials","International Journal of Biomedical Imaging","International Journal of Brain Science","International Journal of Breast Cancer","International Journal of Carbohydrate Chemistry","International Journal of Cell Biology","International Journal of Chemical Engineering","International Journal of Chemical Physics","International Journal of Chronic Diseases","International Journal of Clinical Practice","International Journal of Combinatorics","International Journal of Computational Mathematics","International Journal of Computer Games Technology","International Journal of Corrosion","International Journal of Dentistry","International Journal of Differential Equations","International Journal of Digital Multimedia Broadcasting","International Journal of Ecology","International Journal of Electrochemistry","International Journal of Embryology","International Journal of Endocrinology","International Journal of Engineering Mathematics","International Journal of Evolutionary Biology","International Journal of Family Medicine","International Journal of Food Science","International Journal of Forestry Research","International Journal of Genomics","International Journal of Geophysics","International Journal of Hepatology","International Journal of Hypertension","International Journal of Inflammation","International Journal of Inorganic Chemistry","International Journal of Manufacturing Engineering","International Journal of Mathematics and Mathematical Sciences","International Journal of Medical Genetics","International Journal of Medicinal Chemistry","International Journal of Metals","International Journal of Microbiology","International Journal of Microwave Science and Technology","International Journal of Mineralogy","International Journal of Molecular Imaging","International Journal of Navigation and Observation","International Journal of Nephrology","International Journal of Nuclear Energy","International Journal of Oceanography","International Journal of Optics","International Journal of Otolaryngology","International Journal of Palliative Care","International Journal of Partial Differential Equations","International Journal of Pediatrics","International Journal of Peptides","International Journal of Photochemistry","International Journal of Photoenergy","International Journal of Plant Genomics","International Journal of Plasma Science and Engineering","International Journal of Polymer Science","International Journal of Population Research","International Journal of Proteomics","International Journal of Quality, Statistics, and Reliability","International Journal of Reconfigurable Computing","International Journal of Reproductive Medicine","International Journal of Rheumatology","International Journal of Rotating Machinery","International Journal of Spectroscopy","International Journal of Statistical Mechanics","International Journal of Stochastic Analysis","International Journal of Superconductivity","International Journal of Surgical Oncology","International Journal of Telemedicine and Applications","International Journal of Tissue Engineering","International Journal of Vascular Medicine","International Journal of Vehicular Technology","International Journal of Zoology","International Scholarly Research Notices","International Transactions on Electrical Energy Systems","ISRN Infectious Diseases","ISRN Molecular Biology","ISRN Nanotechnology","ISRN Veterinary Science","Journal of Addiction","Journal of Advanced Transportation","Journal of Aerodynamics","Journal of Aging Research","Journal of Allergy","Journal of Amino Acids","Journal of Analytical Methods in Chemistry","Journal of Anesthesiology","Journal of Angiology","Journal of Animals","Journal of Anthropology","Journal of Applied Chemistry","Journal of Applied Mathematics","Journal of Applied Mathematics and Decision Sciences","Journal of Archaeology","Journal of Artificial Evolution and Applications","Journal of Astrophysics","Journal of Atomic and Molecular Physics","Journal of Automated Methods and Management in Chemistry","Journal of Biomarkers","Journal of Biomedical Education","Journal of Biomedicine and Biotechnology","Journal of Biophysics","Journal of Blood Transfusion","Journal of Botany","Journal of Calculus of Variations","Journal of Cancer Epidemiology","Journal of Cancer Research","Journal of Catalysts","Journal of Cell Adhesion","Journal of Ceramics","Journal of Chaos","Journal of Chemistry","Journal of Climatology","Journal of Coatings","Journal of Combustion","Journal of Complex Analysis","Journal of Complex Systems","Journal of Composites","Journal of Computational Engineering","Journal of Computational Environmental Sciences","Journal of Computational Medicine","Journal of Computational Methods in Physics","Journal of Computer Networks and Communications","Journal of Construction Engineering","Journal of Control Science and Engineering","Journal of Criminology","Journal of Critical Care Medicine","Journal of Crystallography","Journal of Dental Surgery","Journal of Diabetes Research","Journal of Difference Equations","Journal of Discrete Mathematics","Journal of Drug Delivery","Journal of Earthquakes","Journal of Ecosystems","Journal of Electrical and Computer Engineering","Journal of Energy","Journal of Engineering","Journal of Environmental and Public Health","Journal of Experimental Physics","Journal of Fluids","Journal of Food Processing","Journal of Food Quality","Journal of Fuels","Journal of Function Spaces","Journal of Geochemistry","Journal of Geological Research","Journal of Geriatrics","Journal of Gravity","Journal of Healthcare Engineering","Journal of Histology","Journal of Hormones","Journal of Immunology Research","Journal of Industrial Engineering","Journal of Industrial Mathematics","Journal of Inorganic Chemistry","Journal of Insects","Journal of Interventional Cardiology","Journal of Lipids","Journal of Marine Sciences","Journal of Materials","Journal of Mathematics","Journal of Mechatronics and Applications","Journal of Medical Engineering","Journal of Metallurgy","Journal of Mining","Journal of Mycology","Journal of Nanomaterials","Journal of Nanoparticles","Journal of Nanoscience","Journal of Nanotechnology","Journal of Neurodegenerative Diseases","Journal of Nonlinear Dynamics","Journal of Nuclear Chemistry","Journal of Nucleic Acids","Journal of Numbers","Journal of Nutrition and Metabolism","Journal of Obesity","Journal of Oncology","Journal of Operators","Journal of Ophthalmology","Journal of Optimization","Journal of Oral Diseases","Journal of Oral Implants","Journal of Oral Oncology","Journal of Osteoporosis","Journal of Parasitology Research","Journal of Pathogens","Journal of Petroleum Engineering","Journal of Pharmaceutics","Journal of Photonics","Journal of Polymers","Journal of Powder Technology","Journal of Pregnancy","Journal of Probability","Journal of Probability and Statistics","Journal of Quality and Reliability Engineering","Journal of Quantum Chemistry","Journal of Radiotherapy","Journal of Renewable Energy","Journal of Respiratory Medicine","Journal of Robotics","Journal of Sensors","Journal of Sexually Transmitted Diseases","Journal of Signal Transduction","Journal of Skin Cancer","Journal of Smoking Cessation","Journal of Soft Matter","Journal of Solar Energy","Journal of Solid State Physics","Journal of Spectroscopy","Journal of Sports Medicine","Journal of Stochastics","Journal of Structures","Journal of Synthetic Biology","Journal of Textiles","Journal of the Renin-Angiotensin-Aldosterone System","Journal of Theoretical Chemistry","Journal of Thermodynamics","Journal of Thyroid Research","Journal of Toxicology","Journal of Toxins","Journal of Transplantation","Journal of Tropical Medicine","Journal of Vaccines","Journal of Veterinary Medicine","Journal of Viruses","Journal of Waste Management","Journal of Wind Energy","Journal of Zoological Systematics and Evolutionary Research","Laser and Particle Beams","Laser Chemistry","Leukemia Research and Treatment","Lung Cancer International","Lymphoma","Malaria Research and Treatment","Material Design \u0026 Processing Communications","Mathematical Problems in Engineering","Mediators of Inflammation","Metal-Based Drugs","Minimally Invasive Surgery","Mobile Information Systems","Modelling and Simulation in Engineering","Molecular Biology International","Molecular Imaging","Multiple Sclerosis International","Neural Plasticity","Neurology Research International","Neuroscience Journal","New Journal of Science","Nursing Research and Practice","Obstetrics and Gynecology International","Occupational Therapy International","Organic Chemistry International","Oxidative Medicine and Cellular Longevity","Pain Research and Management","Pain Research and Treatment","Paleontology Journal","Parkinson’s Disease","Pathology Research International","Physical Separation in Science and Engineering","Physics Research International","Physiology Journal","Plastic Surgery International","Polymer Crystallization","PPAR Research","Prostate Cancer","Psyche","Psyche: A Journal of Entomology","Psychiatry Journal","Pulmonary Medicine","Quantum Engineering","Radiology Research and Practice","Rehabilitation Research and Practice","Sarcoma","Scanning","Schizophrenia Research and Treatment","Scholarly Research Exchange","Science and Technology of Nuclear Installations","Scientific Programming","Scientifica","Security and Communication Networks","Sequencing","Shock and Vibration","Sleep Disorders","Smart Materials Research","Spectroscopy: An International Journal","SRX Agriculture","SRX Biology","SRX Chemistry","SRX Computer Science","SRX Dentistry","SRX Ecology","SRX Engineering","SRX Geosciences","SRX Materials Science","SRX Mathematics","SRX Medicine","SRX Neuroscience","SRX Pharmacology","SRX Physics","SRX Veterinary Science","Stem Cells International","Stroke Research and Treatment","Structural Biology","Surgery Research and Practice","Texture, Stress, and Microstructure","The Breast Journal","The Scientific World Journal","TheScientificWorldJOURNAL","Thrombosis","Translational Sports Medicine","Tuberculosis Research and Treatment","Ulcers","Urban Studies Research","Veterinary Medicine International","VLSI Design","Wireless Communications and Mobile Computing","Wireless Power Transfer","X-Ray Optics and Instrumentation","Yeast"],"years":[2022,2021,2020,2019,2018,2017,2016,2015,2014,2013,2012,2011,2010,2009,2008,2007,2006,2005,2004,2003,2002,2001,2000,1999,1998,1997,1996,1995,1994,1993,1992,1991,1990,1989,1988,1987,1986,1985,1984,1983,1982,1981,1980,1979,1978,1977,1976,1975,1974,1973,1972,1971,1970,1969,1968,1967,1966,1965,1964,1963,1962,1961,1960,1959,1958,1957,1956,1955,1954,1953,1952,1951,1950,1949,1948,1947,1946,1945,1944,1943,1942,1941,1940,1939,1938,1937,1936,1935,1934,1933,1932,1931,1930,1929,1928,1927,1926,1925,1924,1923,1922,1921,1920,1919,1918,1917,1916,1915,1914,1913,1912,1911,1910,1909,1908,1907,1906,1905,1904,1903,1902,1901,1900,1899,1898,1897,1896,1895,1894,1893,1892,1891,1890,1889,1888,1885,1884,1883,1882,1881,1880,1879,1878,1877,1876,1875,1874],"articlesMeta":{"totalCount":0,"pageCount":0,"perPage":10},"metaTitle":"Search | Hindawi","metaDescription":"Search","metaTwitter":{"metaCardTwitter":"summary","metaTitleTwitter":"Search","metaDescriptionTwitter":"Search","metaSiteNameTwitter":"Hindawi","metaImageTwitter":"undefined/public/search/twitter\_card\_logo.png"},"metaOG":{"metaTitleOG":"Search","metaDescriptionOG":"Search","metaSiteNameOG":"Hindawi","metaImageOG":"undefined/public/search/facebook\_card\_logo.png"}},"\_\_N\_SSP":true},"page":"/search/[[...slug]]","query":{"utm\_source":"","utm\_medium":"cpc","utm\_campaign":"HDW\_MRKT\_GBL\_SUB\_Display\_PAI\_OTHER\_SPEC\_LPB\_X0000\_AdvancesStudyLaser-DrivenProton-BoronFusion","gclid":"CjwKCAjws8yUBhA1EiwAi\_tpEaC3oTgLz-mW-B9Ah8mKqlnYQ9NDNfJSCIW7GpFN9qzVDhn3HelK\_RoC-goQAvD\_BwE","slug":["all","hindavi"]},"buildId":"efb57ac4d8aef272578646b219e542","isFallback":false,"gssp":true,"scriptLoader":[]}</script><next-route-announcer><p aria-live="assertive" id="\_\_next-route-announcer\_\_" role="alert" style="border: 0px; clip: rect(0px, 0px, 0px, 0px); height: 1px; margin: -1px; overflow: hidden; padding: 0px; position: absolute; width: 1px; white-space: nowrap; overflow-wrap: normal;"></p></next-route-announcer>

<script type="text/javascript" id="">!function(b,e,f,g,a,c,d){b.fbq||(a=b.fbq=function(){a.callMethod?a.callMethod.apply(a,arguments):a.queue.push(arguments)},b.\_fbq||(b.\_fbq=a),a.push=a,a.loaded=!0,a.version="2.0",a.queue=[],c=e.createElement(f),c.async=!0,c.src=g,d=e.getElementsByTagName(f)[0],d.parentNode.insertBefore(c,d))}(window,document,"script","https://connect.facebook.net/en\_US/fbevents.js");fbq("init","355556641464051");fbq("track","PageView");</script>

<script type="text/javascript" id="">(function(d,a,b,f,e){d[e]=d[e]||[];d[e].push({projectId:"10000",properties:{pixelId:"10076247"}});var c=a.createElement(b);c.src=f;c.async=!0;c.onload=c.onreadystatechange=function(){var a=this.readyState,c=d[e];if(!a||"complete"==a||"loaded"==a)try{var b=YAHOO.ywa.I13N.fireBeacon;d[e]=[];d[e].push=function(a){b([a])};b(c)}catch(g){}};a=a.getElementsByTagName(b)[0];b=a.parentNode;b.insertBefore(c,a)})(window,document,"script","https://s.yimg.com/wi/ytc.js","dotq");</script><img class="ywa-10000" src="https://sp.analytics.yahoo.com/sp.pl?a=10000&amp;d=Sun%2C%2029%20May%202022%2011%3A20%3A04%20GMT&amp;n=7d&amp;b=Search%20%7C%20Hindawi&amp;.yp=10076247&amp;f=https%3A%2F%2Fwww.hindawi.com%2Fsearch%2Fall%2Fhindavi%2F%3Futm\_source%3D%26utm\_medium%3Dcpc%26utm\_campaign%3DHDW\_MRKT\_GBL\_SUB\_Display\_PAI\_OTHER\_SPEC\_LPB\_X0000\_AdvancesStudyLaser-DrivenProton-BoronFusion%26gclid%3DCjwKCAjws8yUBhA1EiwAi\_tpEaC3oTgLz-mW-B9Ah8mKqlnYQ9NDNfJSCIW7GpFN9qzVDhn3HelK\_RoC-goQAvD\_BwE&amp;e=https%3A%2F%2Fwww.hindawi.com%2Fsearch%2Fall%2Fhindavi%2F%3Futm\_source%3D%26utm\_medium%3Dcpc%26utm\_campaign%3DHDW\_MRKT\_GBL\_SUB\_Display\_PAI\_OTHER\_SPEC\_LPB\_X0000\_AdvancesStudyLaser-DrivenProton-BoronFusion%26gclid%3DCjwKCAjws8yUBhA1EiwAi\_tpEaC3oTgLz-mW-B9Ah8mKqlnYQ9NDNfJSCIW7GpFN9qzVDhn3HelK\_RoC-goQAvD\_BwE&amp;enc=UTF-8&amp;yv=1.12.0&amp;tagmgr=gtm" alt="dot image pixel" style="display: none;"><iframe name="\_hjRemoteVarsFrame" title="\_hjRemoteVarsFrame" id="\_hjRemoteVarsFrame" src="https://vars.hotjar.com/box-4924254a9ce4dc9b959b6e4a9b662d60.html" style="display: none !important; width: 1px !important; height: 1px !important; opacity: 0 !important; pointer-events: none !important;"></iframe><div style="width:0px; height:0px; display:none; visibility:hidden;" id="batBeacon785565484612"><img style="width:0px; height:0px; display:none; visibility:hidden;" id="batBeacon496435022454" width="0" height="0" alt="" src="https://bat.bing.com/action/0?ti=26042937&amp;tm=gtm002&amp;Ver=2&amp;mid=e10c7753-90fd-4bc4-bbc2-2840e84b84ec&amp;sid=2d4bce80df4111ecb88a33160fe6d424&amp;vid=26cf8c80dd0b11ec9d70b39c7df64e83&amp;vids=0&amp;uach=pv%3D8.0.0&amp;pi=918639831&amp;lg=en-US&amp;sw=1280&amp;sh=1024&amp;sc=24&amp;tl=Search%20%7C%20Hindawi&amp;p=https%3A%2F%2Fwww.hindawi.com%2Fsearch%2Fall%2Fhindavi%2F%3Futm\_source%3D%26utm\_medium%3Dcpc%26utm\_campaign%3DHDW\_MRKT\_GBL\_SUB\_Display\_PAI\_OTHER\_SPEC\_LPB\_X0000\_AdvancesStudyLaser-DrivenProton-BoronFusion%26gclid%3DCjwKCAjws8yUBhA1EiwAi\_tpEaC3oTgLz-mW-B9Ah8mKqlnYQ9NDNfJSCIW7GpFN9qzVDhn3HelK\_RoC-goQAvD\_BwE&amp;r=https%3A%2F%2Fwww.hindawi.com%2Fsearch%2Fall%2Fhindavi%2F%3Futm\_source%3D%26utm\_medium%3Dcpc%26utm\_campaign%3DHDW\_MRKT\_GBL\_SUB\_Display\_PAI\_OTHER\_SPEC\_LPB\_X0000\_AdvancesStudyLaser-DrivenProton-BoronFusion%26gclid%3DCjwKCAjws8yUBhA1EiwAi\_tpEaC3oTgLz-mW-B9Ah8mKqlnYQ9NDNfJSCIW7GpFN9qzVDhn3HelK\_RoC-goQAvD\_BwE&amp;lt=750&amp;evt=pageLoad&amp;msclkid=N&amp;sv=1&amp;rn=373928"></div><img src="https://t.co/i/adsct?type=javascript&amp;version=2.3.14&amp;p\_id=Twitter&amp;p\_user\_id=0&amp;txn\_id=o48pw&amp;events=%5B%5B%22pageview%22%2C%7B%7D%5D%5D&amp;tw\_document\_href=https%3A%2F%2Fwww.hindawi.com%2Fsearch%2Fall%2Fhindavi%2F%3Futm\_source%3D%26utm\_medium%3Dcpc%26utm\_campaign%3DHDW\_MRKT\_GBL\_SUB\_Display\_PAI\_OTHER\_SPEC\_LPB\_X0000\_AdvancesStudyLaser-DrivenProton-BoronFusion%26gclid%3DCjwKCAjws8yUBhA1EiwAi\_tpEaC3oTgLz-mW-B9Ah8mKqlnYQ9NDNfJSCIW7GpFN9qzVDhn3HelK\_RoC-goQAvD\_BwE&amp;tw\_iframe\_status=0&amp;tw\_order\_quantity=0&amp;tw\_sale\_amount=0&amp;event\_id=f397778d-707c-4d4e-b991-1cecb4e0fa8a" height="1" width="1" style="display: none;"><img src="https://analytics.twitter.com/i/adsct?type=javascript&amp;version=2.3.14&amp;p\_id=Twitter&amp;p\_user\_id=0&amp;txn\_id=o48pw&amp;events=%5B%5B%22pageview%22%2C%7B%7D%5D%5D&amp;tw\_document\_href=https%3A%2F%2Fwww.hindawi.com%2Fsearch%2Fall%2Fhindavi%2F%3Futm\_source%3D%26utm\_medium%3Dcpc%26utm\_campaign%3DHDW\_MRKT\_GBL\_SUB\_Display\_PAI\_OTHER\_SPEC\_LPB\_X0000\_AdvancesStudyLaser-DrivenProton-BoronFusion%26gclid%3DCjwKCAjws8yUBhA1EiwAi\_tpEaC3oTgLz-mW-B9Ah8mKqlnYQ9NDNfJSCIW7GpFN9qzVDhn3HelK\_RoC-goQAvD\_BwE&amp;tw\_iframe\_status=0&amp;tw\_order\_quantity=0&amp;tw\_sale\_amount=0&amp;event\_id=f397778d-707c-4d4e-b991-1cecb4e0fa8a" height="1" width="1" style="display: none;"><iframe id="\_hjSafeContext\_32412884" src="about:blank" style="display: none !important; width: 1px !important; height: 1px !important; opacity: 0 !important; pointer-events: none !important;"></iframe></body>

***atag***

Try these <a href="http://www.zappyhost.com/">hosting plans</a>.

Try these <a href="http://www.zappyhost.com/" target="\_blank">hosting plans</a>.

*<a href="http://www.html.am/" target="myTab">Link 1</a><br>*

*<a href="http://database.guide/" target="myTab">Link 2</a><br>*

*<a href="http://htmleditor.online" target="myTab">Link 3</a><br>*

*<a href="https://en.wikipedia.org/wiki/Phi\_Phi\_Islands" target="myTab">*

*<img src="/pix/places/phi-phi-200x150.jpg" alt="Photo of Koh Phi Phi in Thailand">*

*</a>*

*<a href="http://www.zappyhost.com/" rel="nofollow" target="myTab">Top Web Hosting!</a>*

***bottstrap***

*<div class="input-group mb-3">*

*<span class="input-group-text" id="basic-addon1">@</span>*

*<input type="text" class="form-control" placeholder="Username" aria-label="Username" aria-describedby="basic-addon1">*

*</div>*

*<div class="input-group mb-3">*

*<input type="text" class="form-control" placeholder="Recipient's username" aria-label="Recipient's username" aria-describedby="basic-addon2">*

*<span class="input-group-text" id="basic-addon2">@example.com</span>*

*</div>*

*<label for="basic-url" class="form-label">Your vanity URL</label>*

*<div class="input-group mb-3">*

*<span class="input-group-text" id="basic-addon3">https://example.com/users/</span>*

*<input type="text" class="form-control" id="basic-url" aria-describedby="basic-addon3">*

*</div>*

*<div class="input-group mb-3">*

*<span class="input-group-text">$</span>*

*<input type="text" class="form-control" aria-label="Amount (to the nearest dollar)">*

*<span class="input-group-text">.00</span>*

*</div>*

*<div class="input-group mb-3">*

*<input type="text" class="form-control" placeholder="Username" aria-label="Username">*

*<span class="input-group-text">@</span>*

*<input type="text" class="form-control" placeholder="Server" aria-label="Server">*

*</div>*

*<div class="input-group">*

*<span class="input-group-text">With textarea</span>*

*<textarea class="form-control" aria-label="With textarea"></textarea>*

*</div>*

***abbrtag***

*<abbr>PMR</abbr>*

*<abbr title="Physical Matter Reality">PMR</abbr>*

*There are many <abbr title="Physical Matter Reality">PMR</abbr>s*

*There are many <abbr title="Physical Matter Realities">PMRs</abbr>*

***Addresstag***

*<address>*

*For more information, contact:*

*<a href="mailto:homer@example.com">Homer Simpson</a>*

*</address>*

*<address>*

*Apple<br>*

*1 Infinite Loop<br>*

*Cupertino, CA 95014*

*</address>*

*<p><strong>Note</strong>: Postal addresses like this can only be used if this is the actual address for the document/section.</p>*

***Areatag***

*<img src ="/image.png" alt="My image" usemap ="#my-map">*

*<map name="my-map">*

*<area*

*shape="rect"*

*coords="50,50,100,100"*

*href="/box/"*

*alt="My rectangle box">*

*</map>*

*<img src ="/pix/examples/australia-nz-map.gif"*

*width="200" height="142"*

*alt="Map of Australia and New Zealand"*

*usemap ="#aus-nz">*

*<map name="aus-nz">*

*<area shape ="poly" coords ="3,47,45,12,105,7,140,60,120,125,12,90"*

*href ="https://en.wikipedia.org/wiki/Australia" target="\_blank"*

*alt="Australia">*

*<area shape ="poly" coords ="180,85,200,98,167,142,157,138"*

*href ="https://en.wikipedia.org/wiki/New\_Zealand" target="\_blank"*

*alt="New Zealand">*

*</map>*

*<img src ="/pix/examples/image-map-1.png"*

*width="316" height="131"*

*alt="Funny Shapes"*

*usemap ="#funny-shapes">*

*<map name="funny-shapes">*

*<area shape ="rect" coords ="9,10,62,123"*

*href ="/html/"*

*alt="Square" target="\_blank">*

*<area shape ="circle" coords ="126,76,41"*

*href ="/css/" target="\_blank"*

*alt="Circle">*

*<area shape ="poly" coords ="182,15,218,15,218,95,310,95,310,122,182,122"*

*href ="/html/codes/" target="\_blank"*

*alt="L shape">*

*</map>*

***Articletag***

*<article>*

*Article content goes here...*

*</article>*

*<article>*

*<h1>Earth</h1>*

*<p>Planet Earth is on average, 93 million miles away from Sun.*

*It orbits Sun at an average 18.5 miles per second.</p>*

*</article>*

*<section>*

*<h1>Planets</h1>*

*<p>Hope you enjoy these articles on some of the more*

*popular planets within the Homo sapien community.</p>*

*<article>*

*<h2>Earth</h2>*

*<p>Planet Earth is on average, 93 million miles away from Sun.*

*It orbits Sun at an average 18.5 miles per second.</p>*

*</article>*

*<article>*

*<h2>Mars</h2>*

*<p>Mars is on average, 142 million miles away from Sun.*

*It orbits Sun at an average 14.5 miles per second.</p>*

*</article></section>*

*<article>*

*<header>*

*<h1>Mars</h1>*

*<p>Published: <time datetime="2014-05-08">2 weeks ago</time></p>*

*</header>*

*<p>Mars is on average, 142 million miles away from Sun.*

*It orbits Sun at an average 14.5 miles per second.</p>*

*<footer>*

*<small>Info provided by NASA</small>*

*</footer>*

*</article>*

*<article>*

*<h1>Mars</h1>*

*<p>Mars is on average, 142 million miles away from Sun.*

*It orbits Sun at an average 14.5 miles per second.</p>*

*<section>*

*<h2>User Comments</h2>*

*<article>*

*<header>*

*<h3>SolarFlare says:</h3>*

*<p><time datetime="2014-06-05T22:43-08:00">3 hours ago</time></p>*

*</header>*

*<p>Wow, this info really brings me back down to Earth!</p>*

*</article>*

*<article>*

*<header>*

*<h3>Pluto says:</h3>*

*<p><time datetime="2014-06-05T23:45-08:00">2 hours ago</time></p>*

*</header>*

*<p>142 million miles... pfft.. that's nothing!</p>*

*</article>*

*</section>*

*</article>*

*<!DOCTYPE html>*

*<title>Example</title>*

*<style>*

*.example article {background:#ccc;padding:10px;}*

*.example article article {background:#fff;margin-bottom:1px;}*

*</style>*

*<div class="example">*

*<article>*

*<h1>Mars</h1>*

*<p>Mars is on average, 142 million miles away from Sun.*

*It orbits Sun at an average 14.5 miles per second.</p>*

*<section>*

*<h2>User Comments</h2>*

*<article>*

*<header>*

*<h3>SolarFlare says:</h3>*

*<p><time datetime="2014-06-05T22:43-08:00">3 hours ago</time></p>*

*</header>*

*<p>Wow, this info really brings me back down to Earth!</p>*

*</article>*

*<article>*

*<header>*

*<h3>Pluto says:</h3>*

*<p><time datetime="2014-06-05T23:45-08:00">2 hours ago</time></p>*

*</header>*

*<p>142 million miles... pfft.. that's nothing!</p>*

*</article>*

*</section>*

*</article>*

***roundedcircle pics***

<body>

  <img width="100%" src="C:\Users\RanaG\Desktop\RBASCON\static\image\133.jpg" alt="..." class="rounded-circle">

    </body>

***Round pic***

 <div class="contact\_\_entry

                                            3

                                        ">

                            <figure role="group" class=""><img data-jst-type="lazy" class="jst lazy" src="static/image/2.2.jpg" width="1298" height="1298" alt="" /></figure>

                            <p class="bold">

                                Michael Kölzer

                            </p>

                            <p>

                                RBASCON<br> Head of Corporate Responsibility<br> Alfredstraße 236<br> D-45133 Essen<br> Tel.: +49 201 824-2637<br><a href="html/sustainability.html" target="\_blank">michael.koelzer@rbascon.de</a></p>

                        </div>

*Hamberger button html, css, js;*

***Index.html***

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <link rel="stylesheet" href="style.css">

    <link rel="stylesheet" href="all.js">

    <title>index</title>

</head>

<body bgcolor="darkkhaki">

<div class="menu-btn" >

    <div class="menu-btn\_\_burger"></div>

<script src="all.js"></script>

</div>

</body>

</html>

***Style.css***

\*{

margin: 0;

padding: 0;

box-sizing:border-box;

}

body{

    background:rgb(33, 155, 236) ;

    display:flex ;

    justify-content:center;

    align-items:center;

    min-height: 100vh;

}

.menu-btn{

    display: flex;

    position: relative;

    justify-content: center;

    align-items: center;

    width:250px;

    height:250px;

    cursor: pointer;

    transition :all .5s ease-in-out;

    border: 3px solid rgb(127, 219, 14);

    }

.menu-btn\_\_burger{

    width: 250px;

    height: 10px;

    background: rebeccapurple;

    border-radius: 5px;

    box-shadow: 0 2px 5px royalblue;

    transition: all .5s ease-in-out;

}

.menu-btn\_\_burger{

    width: 250px;

    height: 10px;

    background: rebeccapurple;

    border-radius: 5px;

    box-shadow: 0 2px 5px royalblue;

    transition: all .5s ease-in-out;

}

.menu-btn\_\_burger::before,

.menu-btn\_\_burger::after{

    content: '';

    position: absolute;

    width: 250px;

    height: 10px;

    background: wheat;

    border-radius: 5px;

    box-shadow: 0 2px 5px chartreuse;

    transition: all .5s ease-in-out;

}

.menu-btn\_\_burger::before{

    transform: translateY(-16px);

}

.menu-btn\_\_burger::after{

    transform: translateY(16px);

}

.menu-btn.open .menu-btn\_\_burger{

    transform: translateX(-50px);

    background: transparent;

    box-shadow: none;

}

.menu-btn.open .menu-btn\_\_burger::before{

    transform: rotate(-45deg) translate(35px, -35px);

}

.menu-btn.open .menu-btn\_\_burger::after{

    transform: rotate(-45deg) translate(35px, 35px);

}

***All.js***

const menuBtn = document.querySelector('.menu-btn');

let menuOpen = false;

menuBtn.addEventListener('click',() => {})

if (!menuOpen){

    menuBtn.classList,add('open');

    menuOpen = true;

} else{

    menuBtn.classList.remove('open');

    menuOpen = false;

};

***Latest html***

<!-- footer black wala RBASCON -->

<body>

<!-- copy and paste from here abay kali patti k liya -->

<br><br>

      <footer data-name="Footer" role="region" aria-label="Footer">

        <div class="container">

            <div class="row">

                <div class="col-24 col-md-12 col-lg-8 col-xl-8">

                    <div data-name="Footer share" class="footer\_\_share jst" data-jst-type="footer-share" data-language="en" data-json="https://charts3.equitystory.com/api-json/hochtief-v31/English">

                        <h2 class="h4 light">

                            RBASCON-Share

                        </h2>

                        <p class="eqs-last-price h1 light d-inline-block">

                            000,00

                        </p>

                        <p class="eqs-change-relative light d-inline-block bold svg-icon svg-icon--lg before">

                            0,0%

                        </p>

                        <br>

                        <p class="sm">

                            Share price minimum 15 minutes delayed

                            <br>

                            <span class="eqs-date">00.00.0000</span>/<span class="eqs-time">00:00</span>

                        </p>

                    </div>

                    <hr>

                    <a href="./security.html" class="xs" tabindex="700">Dataprotection</a>

                    <a href="./security.html" class="xs" tabindex="700">Imprint</a>

                </div>

                <div class="col-24 col-md-12 col-lg-5 col-xl-5">

                    <h2 class="h4 light">

                        We build

                   <h5> <a href="./hamburg.html"> Hamburg</a>  </h5>

                   <h5> <a href="./sydney.html">Sydney</a>       </h5>

                   <h5> <a href="./newyork.html"> New York</a>   </h5>

                   <h5> <a href="./berlin.html">Berlin</a>       </h5>

                   <h5> <a href="./prag.html">Prague</a></h5></h2>

                    </nav>

                </div>

                <a href="./expertise.html"  tabindex="700" class="jst" data-jst-type="open-special">

                  <div class="col-24 col-md-12 col-lg-6 col-xl-6">

                    <h2 class="h4 light">

                        Expertise

                    </h2>

                    <nav>

                        <a href="./construction.html" tabindex="700">Construction</a>

                        <a href="./services.html" tabindex="700">Services</a>

                        <a href="./ppp-and-concessions.html" tabindex="700">PPP and concessions</a>

                        <a href="./RBASCON.html" tabindex="700"> <h3> About RBASCON </h3></a>

                        <a href="./rbascon.com.html" tabindex="700"><h3>About RBASCON Future</h3></a>

                        <a href="./hamees.html" tabindex="700"> <h3> About RBASCON CEO </h3></a>

                    </nav>

                </div>

                <div class="col-24 col-md-12 col-lg-5 col-xl-5">

                    <h2 class="h4 light">

                        <a href="./index.html">

                    Homepage

                </a>

                    </h2>

                    <nav>

                        <a href="./activities.html" tabindex="700">Activities</a>

                        <a href="./careers.html" tabindex="700">Careers</a>

                        <a href="./newsmedia.html" tabindex="700">News &amp; Media</a>

                        <a href="./sustainability.html" tabindex="700">Sustainability</a>

                        <a href="./investors.html" tabindex="700">Investor Relations</a>

                    </nav>

                </div>

            </div>

            <div class="row">

                <div class="col-24 col-lg-8">

                    <h2 class="h4 light">

                        Follow us

                    </h2>

                    <div class="displayflex">

                        <a href="https://www.linkedin.com/company/rbascon/" target="\_blank" tabindex="700" class="so-me-link jst svg-icon icon-linkedin" data-jst-type="svg-icon" data-svg-symbol="icon-linkedin"></a>

                        <a href="https://www.xing.com/companies/rbascon" target="\_blank" tabindex="700" class="so-me-link jst svg-icon icon-xing" data-jst-type="svg-icon" data-svg-symbol="icon-xing"></a>

                        <a href="http://www.twitter.com/rbascon\_AG" target="\_blank" tabindex="700" class="so-me-link jst svg-icon icon-twitter" data-jst-type="svg-icon" data-svg-symbol="icon-twitter"></a>

                        <a href="https://www.facebook.com/rbascon-Karriere-1446886238767584/" target="\_blank" tabindex="700" class="so-me-link jst svg-icon icon-facebook" data-jst-type="svg-icon" data-svg-symbol="icon-facebook"></a>

                        <a href="https://www.instagram.com/rbascon\_official/" target="\_blank" tabindex="700" class="so-me-link jst svg-icon icon-instagram" data-jst-type="svg-icon" data-svg-symbol="icon-instagram"></a>

                        <a href="https://www.youtube.com/channel/UC6rFxclg9jfRxGLDXrO4u-Q" target="\_blank" tabindex="700" class="so-me-link jst svg-icon icon-youtube" data-jst-type="svg-icon" data-svg-symbol="icon-youtube"></a>

                    </div>

                </div>

            </div>

            <div  style="background-color:rgb(24, 224, 74) ;width:100%;height:70px">

                <h4 style="color: red;">PRIDE OF NATION "RBASCON"</h4>

                <h6 style="color: black;">@ RBASCON --copyright-- 2022</h6>

                </div>

            </div>

        </div>

    </footer>

    <BOdy>

    <script src="static/js/js.cookie.js?1652945684" type="text/javascript"></script>

    <script src="static/js/custom.js?1652945684" type="text/javascript"></script>

    <script src="static/js/custom.js?1652945684" type="text/javascript"></script>

    <script src="static/js/custom.js?1652945684" type="text/javascript"></script>

    <script src="static/js/custom.js?1652945684" type="text/javascript"></script>

    <script src="static/Js/main.js?1604399948" type="text/javascript"></script>

    <script src="static/js/script.min.js?1652945684" type="text/javascript"></script>

    <script src="static/news-ajax.js?1652945684" type="text/javascript"></script>

  </BOdy>

</body>

</html>

***Latest 2***

<!doctype html>

<html lang="en">

  <head>

    <meta charset="utf-8">

    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">

    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.0.0/dist/css/bootstrap.min.css" integrity="sha384-Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm" crossorigin="anonymous">

    <link rel="shortcut icon" href="static/image/162.jpg" type="image/x-icon">

    <link rel="stylesheet" href="static/css/style.css">

    <link rel="stylesheet" href="static/js/all.js">

    <link rel="stylesheet" href="static/video">

    <link rel="stylesheet" href="static/audio">

    <link rel="stylesheet" href="static/json">

    <link rel="stylesheet" href="static/image">

    <link rel="stylesheet" href="static/js/wss\_collection/custom.js">

    <link rel="stylesheet" href="static/js/wss\_collection/jquery-2.2.4.min.js">

    <link rel="stylesheet" href="static/js/wss\_importer2/custom.js">

    <link rel="stylesheet" href="static/js/wss\_importer2/jquery-2.2.4.min.js">

    <link rel="stylesheet" href="static/js/wss\_importer3/custom.js">

    <link rel="stylesheet" href="static/js/wss\_importer3/jquery-2.2.4.min.js">

    <link rel="stylesheet" href="static/js/all.js">

    <link rel="stylesheet" href="static/js/custom.js">

    <link rel="stylesheet" href="static/js/e.js">

    <link rel="stylesheet" href="static/js/jquery-2.2.4.min.js">

    <link rel="stylesheet" href="static/js/jquery-3.6.0.min.js">

    <link rel="stylesheet" href="static/js/js.cookie.js">

    <link rel="stylesheet" href="static/js/main.js">

    <link rel="stylesheet" href="static/js/news-ajax.js">

    <link rel="stylesheet" href="static/js/script.min.js">

    <link rel="stylesheet" href="static/js/script.min.js">

    <link rel="stylesheet" href="static/js/t.js">

    <link rel="stylesheet" href="static/json/English.json">

    <link rel="stylesheet" href="\_DataURI/data.2f3b91cc1c24b.txt">

    <link rel="stylesheet" href="\_DataURI/data.73877acd11824.txt">

    <link rel="stylesheet" href="\_DataURI/data.afbd2c9a80611.txt">

    <link rel="stylesheet" href="\_DataURI/data.bab29dd920b14.txt">

    <link rel="stylesheet" href="\_DataURI/data.c2f6713c9568d.txt">

    <link rel="stylesheet" href="static/css/main.css">

    <link rel="stylesheet" href="static/css/main.min.css">

    <link rel="stylesheet" href="static/css/style.css">

    <link rel="stylesheet" href="static/svg/bg-sites-and-contacts.svg">

    <link rel="stylesheet" href="html/rbascon.com.html">

    <link rel="stylesheet" href="html/cntcc.html">

    <link rel="stylesheet" href="html/learnmore.html">

    <link rel="stylesheet" href="html/index.html">

    <title></title>

    <!-- <link rel="shortcut icon" href="/typo3conf/ext/sitepackage/Resources/Public/Icons/favicon.ico" type="image/x-icon"> -->

    <!-- <title>Activities - </title> -->

    <meta http-equiv="x-ua-compatible" content="IE=edge" />

    <meta name="generator" content="TYPO3 CMS" />

    <meta name="description" content="Owing to our local presence and our extensive know-how, we are capable of realizing unique solutions and of driving on digitization in the construction industry." />

    <meta name="viewport" content="width=device-width, initial-scale=1" />

    <meta name="robots" content="index,follow" />

    <meta property="og:description" content="Owing to our local presence and our extensive know-how, we are capable of realizing unique solutions and of driving on digitization in the construction industry." />

    <meta property="og:title" content="Activities" />

    <meta property="og:site\_name" content="RBASCON" />

    <meta name="twitter:card" content="summary" />

    <meta name="apple-mobile-web-app-capable" content="no" />

    <link rel="stylesheet" type="text/css" href="static/css/main.css?1604399948" media="all">

    <link rel="stylesheet" type="text/css" href="static/css/main.min.css?1652945684" media="all">

    <script src="static/js/wss\_importer2/js/jquery-2.2.4.min.js?1652945684" type="text/javascript"></script>

    <script src="static/js/wss\_importer2/js/jquery-2.2.4.min.js?1652945684" type="text/javascript"></script>

    <script src="static/js/wss\_importer2/js/jquery-2.2.4.min.js?1652945684" type="text/javascript"></script>

    <script src="static/js/wss\_importer2/js/jquery-2.2.4.min.js?1652945684" type="text/javascript"></script>

    <script type="text/javascript">

        //var et\_pagename = "";

        //var et\_areas = "";

        //var et\_target = "";

        //var et\_tval = "";

        //var et\_tonr = "";

        //var et\_tsale = 0;

        //var et\_basket = "";

        //data-block-cookies="true" -->

    </script>

    <script id="\_etLoader" type="text/javascript" charset="UTF-8" data-block-cookies="true" data-respect-dnt="true" data-secure-code="XdEvxg" src="static/js/e.js"></script>

    <!-- etracker tracklet 5.0 end -->

    <link rel="alternate" hreflang="de-DE" href="static/image/aktivitaeten" />

    <link rel="alternate" hreflang="en-US" href="static/image/activities" />

    <link rel="alternate" hreflang="x-default" href="static/image/aktivitaeten" />

    <link rel="canonical" href="/activities.html" />

  </head>

  <body>

    <script src="https://code.jquery.com/jquery-3.2.1.slim.min.js" integrity="sha384-KJ3o2DKtIkvYIK3UENzmM7KCkRr/rE9/Qpg6aAZGJwFDMVNA/GpGFF93hXpG5KkN" crossorigin="anonymous"></script>

    <script src="https://cdn.jsdelivr.net/npm/popper.js@1.12.9/dist/umd/popper.min.js" integrity="sha384-ApNbgh9B+Y1QKtv3Rn7W3mgPxhU9K/ScQsAP7hUibX39j7fakFPskvXusvfa0b4Q" crossorigin="anonymous"></script>

    <script src="https://cdn.jsdelivr.net/npm/bootstrap@4.0.0/dist/js/bootstrap.min.js" integrity="sha384-JZR6Spejh4U02d8jOt6vLEHfe/JQGiRRSQQxSfFWpi1MquVdAyjUar5+76PVCmYl" crossorigin="anonymous"></script>

  </body>

<body style="background-color:rgb(217, 242, 55) ;">

</body>

<!-- navbar neeli RBASCON -->

<body>

<nav class="navbar navbar-expand-lg navbar-light bg-info">

 <img src="static/image/190.jpg" alt="LOGO RBASCON">

    <a class="navbar-brand" href="./pride.html">Home Of Pride</a>

    <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">

      <span class="navbar-toggler-icon"></span>

    </button>

    <div class="collapse navbar-collapse" id="navbarSupportedContent">

      <ul class="navbar-nav mr-auto">

        <li class="nav-item active">

          <a class="nav-link" href="./rbascon.com.html">Management Block <span class="sr-only">(current)</span></a>

        </li>

        <li class="nav-item">

          <a class="nav-link" href="./security.html">Security</a>

        </li>

        <li class="nav-item dropdown">

          <a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button" data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">

            Technical

          </a>

          <div class="dropdown-menu" aria-labelledby="navbarDropdown">

            <a class="dropdown-item" href="./projects.html">projects</a>

            <a class="dropdown-item" href="./fieldarea.html">field area</a>

            <div class="dropdown-divider"></div>

            <a class="dropdown-item" href="./projectsdaybday.html">projects day by day</a>

          </div>

        </li>

        <li class="nav-item dropdown">

            <a class="nav-link dropdown-toggle" href="./future.html" id="navbarDropdown" role="button" data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">

                Future

            </a>

            <div class="dropdown-menu" aria-labelledby="navbarDropdown">

              <a class="dropdown-item" href="./education.html">Education</a>

              <a class="dropdown-item" href="./school.html">School of RBASCON</a>

              <div class="dropdown-divider"></div>

              <a class="dropdown-item" href="./studyandskill.html">study and skills duration</a>

            </div>

          </li>

          <li class="nav-item dropdown">

            <a class="nav-link dropdown-toggle" href="./discipline.html" id="navbarDropdown" role="button" data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">

                Dicipline

            </a>

            <div class="dropdown-menu" aria-labelledby="navbarDropdown">

              <a class="dropdown-item" href="./administration.html">Administration</a>

              <a class="dropdown-item" href="./control.html">Control and Command</a>

              <div class="dropdown-divider"></div>

              <a class="dropdown-item" href="./staff.html">Staff</a>

            </div>

          </li>

      <form class="form-inline my-2 my-lg-0">

        <input class="form-control mr-sm-2" type="search" placeholder="Search" aria-label="Search">

        <button class="btn btn-outline-success my-2 my-sm-0" type="submit">Search</button>

      </form>

    </div>

  </nav>

</body>

<!-- body 8 card wali -->

<body>

    <!-- RED HEAD LINE -->

      <div>

        <H1 style="text-align:center; background:rgb(224, 38, 38);">HOW WE WORK AND CHASE THE TARGETS</H1>

      </div>

    <!-- CARDS 8 WALA  -->

    <div class="card mb-3">

        <img src="https://source.unsplash.com/1200x900/?construction,dubai" class="card-img-top" alt="...">

        <div class="card-body">

          <h5 class="card-title">IMAGINE A NEW WORLD</h5>

          <p class="card-text">WE ARE RESHAPERS WE BUILD YOUR IDEAS IF YOU HAVE NO COURAGE , LOOK HERE WHAT WE CAN DO FOR YOU.</p>

          <p class="card-text"><small class="text-muted">IDEAS NEVER DIE IF WE ARE ALIVE</small></p>

        </div>

      </div>

      <br>

      <div class="card-group">

        <div class="card">

          <img src="https://source.unsplash.com/1200x900/?construction,canada" class="card-img-top" alt="...">

          <div class="card-body">

            <h5 class="card-title">IMAGINE A NEW WORLD</h5>

            <p class="card-text">WE ARE RESHAPERS WE BUILD YOUR IDEAS IF YOU HAVE NO COURAGE , LOOK HERE WHAT WE CAN DO FOR YOU.</p>

            <p class="card-text"><small class="text-muted">IDEAS NEVER DIE IF WE ARE ALIVE</small></p>

          </div>

        </div>

        <div class="card">

          <img src="https://source.unsplash.com/1200x900/?construction,america" class="card-img-top" alt="...">

          <div class="card-body">

            <h5 class="card-title">IMAGINE A NEW WORLD</h5>

            <p class="card-text">WE ARE RESHAPERS WE BUILD YOUR IDEAS IF YOU HAVE NO COURAGE , LOOK HERE WHAT WE CAN DO FOR YOU.</p>

            <p class="card-text"><small class="text-muted">IDEAS NEVER DIE IF WE ARE ALIVE</small></p>

          </div>

        </div>

        <div class="card">

          <img src="https://source.unsplash.com/1200x900/?construction,forest" class="card-img-top" alt="...">

          <div class="card-body">

            <h5 class="card-title">IMAGINE A NEW WORLD</h5>

            <p class="card-text">WE ARE RESHAPERS WE BUILD YOUR IDEAS IF YOU HAVE NO COURAGE , LOOK HERE WHAT WE CAN DO FOR YOU.</p>

            <p class="card-text"><small class="text-muted">IDEAS NEVER DIE IF WE ARE ALIVE</small></p>

          </div>

        </div>

      </div>

    <br><br><br>

      <div class="card-group">

        <div class="card">

          <img src="https://source.unsplash.com/1200x900/?construction,mountains" class="card-img-top" alt="...">

          <div class="card-body">

            <h5 class="card-title">IMAGINE A NEW WORLD</h5>

            <p class="card-text">WE ARE RESHAPERS WE BUILD YOUR IDEAS IF YOU HAVE NO COURAGE , LOOK HERE WHAT WE CAN DO FOR YOU.</p>

          </div>

          <div class="card-footer">

            <small class="text-muted">IDEAS NEVER DIE IF WE ARE ALIVE</small>

          </div>

        </div>

        <br><br>

        <div class="card">

          <img src="https://source.unsplash.com/1200x900/?construction,desert" class="card-img-top" alt="...">

          <div class="card-body">

            <h5 class="card-title">IMAGINE A NEW WORLD</h5>

            <p class="card-text">WE ARE RESHAPERS WE BUILD YOUR IDEAS IF YOU HAVE NO COURAGE , LOOK HERE WHAT WE CAN DO FOR YOU.</p>

          </div>

          <div class="card-footer">

            <small class="text-muted">IDEAS NEVER DIE IF WE ARE ALIVE</small>

          </div>

        </div>

        <div class="card">

          <img src="https://source.unsplash.com/1200x900/?construction,sea" class="card-img-top" alt="...">

          <div class="card-body">

            <h5 class="card-title">IMAGINE A NEW WORLD</h5>

            <p class="card-text">WE ARE RESHAPERS WE BUILD YOUR IDEAS IF YOU HAVE NO COURAGE , LOOK HERE WHAT WE CAN DO FOR YOU.</p>

          </div>

          <div class="card-footer">

            <small class="text-muted">IDEAS NEVER DIE IF WE ARE ALIVE</small>

          </div>

        </div>

      </div>

      <br>

      <div class="card">

        <div class="card-body">

          <h5 class="card-title">IMAGINE A NEW WORLD</h5>

          <p class="card-text">WE ARE RESHAPERS WE BUILD YOUR IDEAS IF YOU HAVE NO COURAGE , LOOK HERE WHAT WE CAN DO FOR YOU.</p>

          <p class="card-text"><small class="text-muted">IDEAS NEVER DIE IF WE ARE ALIVE</small></p>

        </div>

        <img src="https://source.unsplash.com/1200x900/?construction,marine" class="card-img-bottom" alt="...">

      </div>

</body>

<!-- footer black wala RBASCON -->

<body>

<!-- copy and paste from here abay kali patti k liya -->

<br><br>

      <footer data-name="Footer" role="region" aria-label="Footer">

        <div class="container">

            <div class="row">

                <div class="col-24 col-md-12 col-lg-8 col-xl-8">

                    <div data-name="Footer share" class="footer\_\_share jst" data-jst-type="footer-share" data-language="en" data-json="https://charts3.equitystory.com/api-json/hochtief-v31/English">

                        <h2 class="h4 light">

                            RBASCON-Share

                        </h2>

                        <p class="eqs-last-price h1 light d-inline-block">

                            000,00

                        </p>

                        <p class="eqs-change-relative light d-inline-block bold svg-icon svg-icon--lg before">

                            0,0%

                        </p>

                        <br>

                        <p class="sm">

                            Share price minimum 15 minutes delayed

                            <br>

                            <span class="eqs-date">00.00.0000</span>/<span class="eqs-time">00:00</span>

                        </p>

                    </div>

                    <hr>

                    <a href="./security.html" class="xs" tabindex="700">Dataprotection</a>

                    <a href="./security.html" class="xs" tabindex="700">Imprint</a>

                </div>

                <div class="col-24 col-md-12 col-lg-5 col-xl-5">

                    <h2 class="h4 light">

                        We build

                   <h5> <a href="./hamburg.html"> Hamburg</a>  </h5>

                   <h5> <a href="./sydney.html">Sydney</a>       </h5>

                   <h5> <a href="./newyork.html"> New York</a>   </h5>

                   <h5> <a href="./berlin.html">Berlin</a>       </h5>

                   <h5> <a href="./prag.html">Prague</a></h5></h2>

                    </nav>

                </div>

                <a href="./expertise.html"  tabindex="700" class="jst" data-jst-type="open-special">

                  <div class="col-24 col-md-12 col-lg-6 col-xl-6">

                    <h2 class="h4 light">

                        Expertise

                    </h2>

                    <nav>

                        <a href="./construction.html" tabindex="700">Construction</a>

                        <a href="./services.html" tabindex="700">Services</a>

                        <a href="./ppp-and-concessions.html" tabindex="700">PPP and concessions</a>

                        <a href="./RBASCON.html" tabindex="700"> <h3> About RBASCON </h3></a>

                        <a href="./rbascon.com.html" tabindex="700"><h3>About RBASCON Future</h3></a>

                        <a href="./hamees.html" tabindex="700"> <h3> About RBASCON CEO </h3></a>

                    </nav>

                </div>

                <div class="col-24 col-md-12 col-lg-5 col-xl-5">

                    <h2 class="h4 light">

                        <a href="./index.html">

                    Homepage

                </a>

                    </h2>

                    <nav>

                        <a href="./activities.html" tabindex="700">Activities</a>

                        <a href="./careers.html" tabindex="700">Careers</a>

                        <a href="./newsmedia.html" tabindex="700">News &amp; Media</a>

                        <a href="./sustainability.html" tabindex="700">Sustainability</a>

                        <a href="./investors.html" tabindex="700">Investor Relations</a>

                    </nav>

                </div>

            </div>

            <div class="row">

                <div class="col-24 col-lg-8">

                    <h2 class="h4 light">

                        Follow us

                    </h2>

                    <div class="displayflex">

                        <a href="https://www.linkedin.com/company/rbascon/" target="\_blank" tabindex="700" class="so-me-link jst svg-icon icon-linkedin" data-jst-type="svg-icon" data-svg-symbol="icon-linkedin"></a>

                        <a href="https://www.xing.com/companies/rbascon" target="\_blank" tabindex="700" class="so-me-link jst svg-icon icon-xing" data-jst-type="svg-icon" data-svg-symbol="icon-xing"></a>

                        <a href="http://www.twitter.com/rbascon\_AG" target="\_blank" tabindex="700" class="so-me-link jst svg-icon icon-twitter" data-jst-type="svg-icon" data-svg-symbol="icon-twitter"></a>

                        <a href="https://www.facebook.com/rbascon-Karriere-1446886238767584/" target="\_blank" tabindex="700" class="so-me-link jst svg-icon icon-facebook" data-jst-type="svg-icon" data-svg-symbol="icon-facebook"></a>

                        <a href="https://www.instagram.com/rbascon\_official/" target="\_blank" tabindex="700" class="so-me-link jst svg-icon icon-instagram" data-jst-type="svg-icon" data-svg-symbol="icon-instagram"></a>

                        <a href="https://www.youtube.com/channel/UC6rFxclg9jfRxGLDXrO4u-Q" target="\_blank" tabindex="700" class="so-me-link jst svg-icon icon-youtube" data-jst-type="svg-icon" data-svg-symbol="icon-youtube"></a>

                    </div>

                </div>

            </div>

            <div  style="background-color:rgb(24, 224, 74) ;width:100%;height:70px">

                <h4 style="color: red;">PRIDE OF NATION "RBASCON"</h4>

                <h6 style="color: black;">@ RBASCON --copyright-- 2022</h6>

                </div>

            </div>

        </div>

    </footer>

    <BOdy>

    <script src="static/js/js.cookie.js?1652945684" type="text/javascript"></script>

    <script src="static/js/custom.js?1652945684" type="text/javascript"></script>

    <script src="static/js/custom.js?1652945684" type="text/javascript"></script>

    <script src="static/js/custom.js?1652945684" type="text/javascript"></script>

    <script src="static/js/custom.js?1652945684" type="text/javascript"></script>

    <script src="static/Js/main.js?1604399948" type="text/javascript"></script>

    <script src="static/js/script.min.js?1652945684" type="text/javascript"></script>

    <script src="static/news-ajax.js?1652945684" type="text/javascript"></script>

  </BOdy>

</body>

</html>

***Rbascon***

<BOdy>

<H1 style="text-align:center;">SOME UNFORGETTABLE MEMORABLE SITES OF INTERNATIONAL PROJECTS</H1>

<!-- body 6 card wali -->

<body>

<!-- body 3 card wali -->

<body>

<BR></BR>

<div class="row row-cols-1 row-cols-md-3 g-4">

    <div class="col">

      <div class="card h-100">

        <img src="https://source.unsplash.com/1200x900/?construction,water" class="card-img-top" alt="...">

        <div class="card-body">

          <h5 class="card-title">JOIN US TO FIND A NEW UNIVERSE MAKE A NAME TO LIVE FOREVER</h5>

          <p class="card-text">THIS IS JUST AN INTRODUCTION , ONE PICTURE SAYS THOUSAND WORDS</p>

        </div>

        <div class="card-footer">

          <small class="text-muted">IF YOU DARE WE WILL CARE JOIN TO BUILD A GLOBE </small>

        </div>

      </div>

    </div>

    <div class="col">

      <div class="card h-100">

        <img src="https://source.unsplash.com/1200x900/?construction,sea" class="card-img-top" alt="...">

        <div class="card-body">

          <h5 class="card-title">JOIN US TO FIND A NEW UNIVERSE MAKE A NAME TO LIVE FOREVER</h5>

          <p class="card-text">THIS IS JUST AN INTRODUCTION , ONE PICTURE SAYS THOUSAND WORDS</p>

        </div>

        <div class="card-footer">

          <small class="text-muted">IF YOU DARE WE WILL CARE JOIN TO BUILD A GLOBE</small>

        </div>

      </div>

    </div>

    <div class="col">

      <div class="card h-100">

        <img src="https://source.unsplash.com/1200x900/?construction,desert" class="card-img-top" alt="...">

        <div class="card-body">

          <h5 class="card-title">JOIN US TO FIND A NEW UNIVERSE MAKE A NAME TO LIVE FOREVER</h5>

          <p class="card-text">THIS IS JUST AN INTRODUCTION , ONE PICTURE SAYS THOUSAND WORDS</p>

        </div>

        <div class="card-footer">

          <small class="text-muted">IF YOU DARE WE WILL CARE JOIN TO BUILD A GLOBE</small>

        </div>

      </div>

    </div>

  </div>

<BR></BR>

<BR></BR>

<BR></BR>

</body>

<!-- body 3 card wali -->

<body>

<div class="row row-cols-1 row-cols-md-3 g-4">

    <div class="col">

      <div class="card h-100">

        <img src="https://source.unsplash.com/1200x900/?construction,mountain" class="card-img-top" alt="...">

        <div class="card-body">

          <h5 class="card-title">JOIN US TO FIND A NEW UNIVERSE MAKE A NAME TO LIVE FOREVER</h5>

          <p class="card-text">THIS IS JUST AN INTRODUCTION , ONE PICTURE SAYS THOUSAND WORDS</p>

        </div>

        <div class="card-footer">

          <small class="text-muted">IF YOU DARE WE WILL CARE JOIN TO BUILD A GLOBE</small>

        </div>

      </div>

    </div>

    <div class="col">

      <div class="card h-100">

        <img src="https://source.unsplash.com/1200x900/?construction,rails" class="card-img-top" alt="...">

        <div class="card-body">

          <h5 class="card-title">JOIN US TO FIND A NEW UNIVERSE MAKE A NAME TO LIVE FOREVER</h5>

          <p class="card-text">THIS IS JUST AN INTRODUCTION , ONE PICTURE SAYS THOUSAND WORDS</p>

        </div>

        <div class="card-footer">

          <small class="text-muted">IF YOU DARE WE WILL CARE JOIN TO BUILD A GLOBE</small>

        </div>

      </div>

    </div>

    <div class="col">

      <div class="card h-100">

        <img src="https://source.unsplash.com/1200x900/?construction,tunnels" class="card-img-top" alt="...">

        <div class="card-body">

          <h5 class="card-title">JOIN US TO FIND A NEW UNIVERSE MAKE A NAME TO LIVE FOREVER</h5>

          <p class="card-text">THIS IS JUST AN INTRODUCTION , ONE PICTURE SAYS THOUSAND WORDS</p>

        </div>

        <div class="card-footer">

          <small class="text-muted">IF YOU DARE WE WILL CARE JOIN TO BUILD A GLOBE</small>

        </div>

      </div>

    </div>

  </div>

  <BR></BR>

</body>

</body>

</BOdy>

<!-- 16 card wala  -->

<body>

    <div>

        <H1 style="text-align:center; background:rgb(224, 38, 38);">OUR INVESTORS ARE HIGHLY SATISFIED MEET WITH THEM</H1>

      </div>

    <div class="row row-cols-1 row-cols-md-2 g-4">

        <div class="col">

          <div class="card">

            <img src="static/image/2.2.jpg" class="card-img-top" alt="...">

            <div class="card-body">

              <h5 class="card-title">INVESTORS AND PARTNERS</h5>

              <p class="card-text">We have a special policy for investors we offer

                  any one from all over the world with no limits.

                  Every one can avail this oppurtunity.</p>

            </div>

          </div>

        </div>

        <div class="col">

          <div class="card">

            <img src="static/image/17.jpg" class="card-img-top" alt="...">

            <div class="card-body">

              <h5 class="card-title">INVESTORS AND PARTNERS</h5>

              <p class="card-text">We have a special policy for investors we offer

                  any one from all over the world with no limits.Every one can avail

                   this oppurtunity.</p>

            </div>

          </div>

        </div>

        <div class="col">

          <div class="card">

            <img src="static/image/152.jpg" class="card-img-top" alt="...">

            <div class="card-body">

              <h5 class="card-title">INVESTORS AND PARTNERS</h5>

              <p class="card-text">We have a special policy for investors we offer

                  any one from all over the world with no limits.Every one can avail

                   this oppurtunity.

                   </p>

              </div>

        </div>

        <div class="col">

          <div class="card">

            <img src="static/image/175.jpg" class="card-img-top" alt="...">

            <div class="card-body">

              <h5 class="card-title">INVESTORS AND PARTNERS</h5>

              <p class="card-text">We have a special policy for investors we offer

                   any one from all over the world with no limits.Every one can avail

                    this oppurtunity.</p>

            </div>

          </div>

        </div>

      </div>

      <br><br>

      <div class="row row-cols-1 row-cols-md-2 g-4">

        <div class="col">

          <div class="card">

            <img src="static/image/122.jpg" class="card-img-top" alt="...">

            <div class="card-body">

              <h5 class="card-title">INVESTORS AND PARTNERS</h5>

              <p class="card-text">We have a special policy for investors we offer

                   any one from all over the world with no limits.Every one can avail

                   this oppurtunity.</p>

            </div>

          </div>

        </div>

        <div class="col">

          <div class="card">

            <img src="https://source.unsplash.com/1200x900/?profile american investors" class="card-img-top" alt="...">

            <div class="card-body">

              <h5 class="card-title">INVESTORS AND PARTNERS</h5>

              <p class="card-text">We have a special policy for investors we offer

                  any one from all over the world with no limits.Every one can avail

                  this oppurtunity.</p>

            </div>

          </div>

        </div>

        <div class="col">

          <div class="card">

            <img src="https://source.unsplash.com/1200x900/?profile american investors" class="card-img-top" alt="...">

            <div class="card-body">

              <h5 class="card-title">INVESTORS AND PARTNERS</h5>

              <p class="card-text">We have a special policy for investors we offer

                   any one from all over the world with no limits.Every one can avail

                    this oppurtunity.

                    </p>

              </div>

        </div>

        <div class="col">

          <div class="card">

            <img src="https://source.unsplash.com/1200x900/?profile american investors" class="card-img-top" alt="...">

            <div class="card-body">

              <h5 class="card-title">INVESTORS AND PARTNERS</h5>

              <p class="card-text">We have a special policy for investors we offer

                   any one from all over the world with no limits.Every one can avail

                    this oppurtunity.</p>

            </div>

          </div>

        </div>

      </div>

      <br><br>

      <div class="row row-cols-1 row-cols-md-2 g-4">

        <div class="col">

          <div class="card">

            <img src="https://source.unsplash.com/1200x900/?profile american investors" class="card-img-top" alt="...">

            <div class="card-body">

              <h5 class="card-title">INVESTORS AND PARTNERS</h5>

              <p class="card-text">We have a special policy for investors we offer

                   any one from all over the world with no limits.Every one can avail

                    this oppurtunity.</p>

            </div>

          </div>

        </div>

        <div class="col">

          <div class="card">

            <img src="https://source.unsplash.com/1200x900/?profile american investors" class="card-img-top" alt="...">

            <div class="card-body">

              <h5 class="card-title">INVESTORS AND PARTNERS</h5>

              <p class="card-text">We have a special policy for investors we offer

                   any one from all over the world with no limits.Every one can avail

                    this oppurtunity.</p>

            </div>

          </div>

        </div>

        <div class="col">

          <div class="card">

            <img src="https://source.unsplash.com/1200x900/?profile american investors" class="card-img-top" alt="...">

            <div class="card-body">

              <h5 class="card-title">INVESTORS AND PARTNERS</h5>

              <p class="card-text">We have a special policy for investors we offer any

                  one from all over the world with no limits.Every one can avail this

                   oppurtunity.</p>

                </div>

        </div>

        <div class="col">

          <div class="card">

            <img src="https://source.unsplash.com/1200x900/?profile american investors" class="card-img-top" alt="...">

            <div class="card-body">

              <h5 class="card-title">INVESTORS AND PARTNERS</h5>

              <p class="card-text">We have a special policy for investors

                  we offer any one from all over the world with no limits.

                  Every one can avail this oppurtunity.</p>

            </div>

          </div>

        </div>

      </div>

      <br><br>

      <div class="row row-cols-1 row-cols-md-2 g-4">

        <div class="col">

          <div class="card">

            <img src="https://source.unsplash.com/1200x900/?profile american investors" class="card-img-top" alt="...">

            <div class="card-body">

              <h5 class="card-title">INVESTORS AND PARTNERS</h5>

              <p class="card-text">We have a special policy for investors

                   we offer any one from all over the world with no limits.

                   Every one can avail this oppurtunity.</p>

            </div>

          </div>

        </div>

        <div class="col">

          <div class="card">

            <img src="https://source.unsplash.com/1200x900/?profile american investors" class="card-img-top" alt="...">

            <div class="card-body">

              <h5 class="card-title">INVESTORS AND PARTNERS</h5>

              <p class="card-text">We have a special policy for investors we

                  offer any one from all over the world with no limits.

                  Every one can avail this oppurtunity.</p>

            </div>

          </div>

        </div>

        <div class="col">

          <div class="card">

            <img src="https://source.unsplash.com/1200x900/?profile american investors" class="card-img-top" alt="...">

            <div class="card-body">

              <h5 class="card-title">INVESTORS AND PARTNERS</h5>

              <p class="card-text">We have a special policy for investors

                   we offer any one from all over the world with no limits.

                   Every one can avail this oppurtunity.

                   </p>

              </div>

        </div>

        <div class="col">

          <div class="card">

            <img src="https://source.unsplash.com/1200x900/?profile american investors" class="card-img-top" alt="...">

            <div class="card-body">

              <h5 class="card-title">INVESTORS AND PARTNERS</h5>

              <p class="card-text">We have a special policy for investors

                   we offer any one from all over the world with no limits.

                   Every one can avail this oppurtunity.</p>

            </div>

          </div>

        </div>

      </div>

      </body>

***16 card***

<!-- 4 card wala -->

<BOdy>

    <H1 style="text-align:center;" >MAIN ACTIVITIES OF OUR ASIAN PROJECTS</H1>

    <BR></BR>

    <div class="row row-cols-1 row-cols-md-3 g-4">

        <div class="col">

          <div class="card h-100">

            <img src="https://source.unsplash.com/1200x900/?digging,construction" class="card-img-top" alt="...">

            <div class="card-body">

              <h5 class="card-title">WHAT YOU WANT YOU WILL FIND</h5>

              <p class="card-text">THIS IS JUST AN INTRODUCTION , ONE PICTURE SAYS THOUSAND WORDS</p>

            </div>

            <div class="card-footer">

              <small class="text-muted">YOU WILL FIND BELIEVE US</small>

            </div>

          </div>

        </div>

        <div class="col">

          <div class="card h-100">

            <img src="https://source.unsplash.com/1200x900/?construction,mountains" class="card-img-top" alt="...">

            <div class="card-body">

              <h5 class="card-title">WHAT YOU WANT YOU WILL FIND</h5>

              <p class="card-text">THIS IS JUST AN INTRODUCTION , ONE PICTURE SAYS THOUSAND WORDS.</p>

            </div>

            <div class="card-footer">

              <small class="text-muted">YOU WILL FIND BELIEVE US</small>

            </div>

          </div>

        </div>

        <div class="col">

            <div class="card h-100">

              <img src="https://source.unsplash.com/1200x900/?building,water" class="card-img-top" alt="...">

              <div class="card-body">

                <h5 class="card-title">WHAT YOU WANT YOU WILL FIND</h5>

                <p class="card-text">THIS IS JUST AN INTRODUCTION , ONE PICTURE SAYS THOUSAND WORDS.</p>

              </div>

              <div class="card-footer">

                <small class="text-muted">YOU WILL FIND BELIEVE US</small>

              </div>

            </div>

          </div>

          <div class="col">

            <div class="card h-100">

              <img src="https://source.unsplash.com/1200x900/?construction,water" class="card-img-top" alt="...">

              <div class="card-body">

                <h5 class="card-title">WHAT YOU WANT YOU WILL FIND</h5>

                <p class="card-text">THIS IS JUST AN INTRODUCTION , ONE PICTURE SAYS THOUSAND WORDS.</p>

              </div>

              <div class="card-footer">

                <small class="text-muted">YOU WILL FIND BELIEVE US</small>

              </div>

            </div>

          </div>

       <br><br><br><br><br>

                <H1 style="text-align:center;" >SOME UNFORGETTABLE MEMORABLE SITES OF ASIAN PROJECTS</H1>

        <div>

          <H1 style="text-align:center; background:rgb(224, 38, 38);">MEET US AND JOIN TO FIND A WAY TO NEW DESTINATIONS</H1>

        </div>

      <BR></BR>

    </BOdy>

***video slider html+style.css***

<!DOCTYPE html>

<html lang="en">

<head>

    <!-- All Meta tags -->

    <meta charset="UTF-8" />

    <meta http-equiv="X-UA-Compatible" content="IE=edge" />

    <meta name="viewport" content="width=device-width, initial-scale=1.0" />

    <meta name="keywords" content="HTML, CSS, JavaScript" />

    <meta name="rana" content="first slider " />

    <title>RBASCON A GLIMPSE ON PROJECTS </title>

    <!--Style CSS -->

    <link rel="stylesheet" href="static/css/style.css" />

</head>

<body>

    <div class="container">

    <video src=""

            class="slider" autoplay loop muted>

    </video>

        <ul>

        <li onclick="videoslider('')">  <video src="">  </video> </li>

        <li onclick="videoslider('')">  <video src="">  </video> </li>

        <li onclick="videoslider('')">  <video src="">  </video> </li>

        <li onclick="videoslider('')">  <video src="">  </video> </li>

        </ul>

    </div>

    <script>

    function videoslider(links) {

        document.querySelector(".slider").src = links;

    }

    </script>

</body>

</html>

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

***Style.css***

body {

    background-color: chocolate;

}

h1 {

    color: rgb(53, 7, 179);

}

\* {

    margin: 0;

    padding: 0;

    box-sizing: border-box;

}

.container {

    width: 100%;

    height: 100vh;

    position: relative;

    display: flex;

    background-color: #000000;

    justify-content: center;

    align-items: center;

}

.container .slider {

    position: absolute;

    top: 0;

    left: 0;

    width: 100%;

    height: 100%;

}

.container ul {

    position: absolute;

    bottom: 20px;

    left: 50%;

    transform: translateX(-50%);

    display: flex;

    justify-content: center;

    align-items: center;

    z-index: 20;

}

.container ul li {

    list-style: none;

    cursor: pointer;

    margin: 10px;

}

.container ul li video {

    width: 200px;

    transition: all 0.3s;

}

.container ul li video:hover {

    transform: scale(1.1);

}

.video {

    width: 100%;

    height: 100%;

}

***video slider html+style.css - 2***

<!DOCTYPE html>

<html lang="en">

<!--codingflicks.com-->

<head>

    <meta charset="UTF-8">

    <title>Video Slideshow using HTML CSS and Javascript</title>

    <link href="style.css" rel="stylesheet">

</head>

<body>

    <div class="container">

        <video autoplay="" class="box1" id="box1" src="4.mp4"></video>

        <video autoplay="" class="box2" id="box2" src="5.mp4"></video>

        <video autoplay="" class="box3" id="box3" src="6.mp4"></video>

    </div>

    <script>

           var box1 = document.getElementById('box1');

           var box2 = document.getElementById('box2');

           var box3 = document.getElementById('box3');

           box1.onended = function () {

               box2.play();

               box1.style.opacity=0;

               box2.style.opacity=1;

           }

           box2.onended = function () {

               box3.play();

               box2.style.opacity=0;

               box3.style.opacity=1;

           }

           box3.onended = function () {

               box1.play();

               box3.style.opacity=0;

               box1.style.opacity=1;

           }

    </script>

</body>

</html>

***Style.css - 2***

\* {

    margin: 0;

    padding: 0;

}

video {

    width: 100%;

    height: 100%;

    position: absolute;

    object-fit: cover;

    transition: all 150ms linear;

    z-index: 10;

}

.box1 {

    opacity: 1;

}

.box2 {

    opacity: 0;

}

.box3 {

    opacity: 0;

}

.container {

    width: 100%;

    height: 100vh;

    background-color: rgba(0, 0, 0, 0.5);

}

***side navbar template***

<!DOCTYPE html>

<!-- Template by html.am -->

<html>

    <head>

        <meta http-equiv="Content-Type" content="text/html; charset=utf-8">

        <title>2 Rows, 2 Columns, D</title>

        <style type="text/css">

        body {

            margin: 0;

            padding: 0;

            overflow: hidden;

            height: 100%;

            max-height: 100%;

            font-family:Sans-serif;

            line-height: 1.5em;

        }

        main {

            position: fixed;

            left: 230px; /\* Width of the nav bar \*/

            bottom: 100px; /\* Set this to the height of the footer \*/

            right: 0;

            top: 0;

            bottom: 0;

            overflow: auto;

            background: #fff;

        }

        #nav {

            position: absolute;

            left: 0;

            top: 0;

            bottom: 0;

            width: 230px;

            overflow: auto; /\* Scrollbars will appear on this frame only when there's enough content to require scrolling. To disable scrollbars, change to "hidden", or use "scroll" to enable permanent scrollbars \*/

            background: #DAE9BC;

        }

        #footer {

            position: absolute;

            left: 230px;

            bottom: 0;

            width: 100%;

            height: 100px;

            overflow: hidden; /\* Disables scrollbars on the footer frame. To enable scrollbars, change "hidden" to "scroll" \*/

            background: #BCCE98;

        }

        #logo {

            padding:10px;

        }

        .innertube {

            margin: 15px; /\* Provides padding for the content \*/

        }

        p {

            color: #555;

        }

        nav ul {

            list-style-type: none;

            margin: 0;

            padding: 0;

        }

        nav ul a {

            color: darkgreen;

            text-decoration: none;

        }

        /\*IE6 fix\*/

        \* html body{

            padding: 0 0 100px 230px; /\* Set the third value to the height of the footer and last value to the width of the nav \*/

        }

        \* html main{

            height: 100%;

            width: 100%;

        }

        </style>

        <script type="text/javascript">

            /\* =============================

            This script generates sample text for the body content.

            You can remove this script and any reference to it.

             ============================= \*/

            var bodyText=["The smaller your reality, the more convinced you are that you know everything.", "If the facts don't fit the theory, change the facts.", "The past has no power over the present moment.", "This, too, will pass.", "</p><p>You will not be punished for your anger, you will be punished by your anger.", "Peace comes from within. Do not seek it without.", "<h3>Heading</h3><p>The most important moment of your life is now. The most important person in your life is the one you are with now, and the most important activity in your life is the one you are involved with now."]

            function generateText(sentenceCount){

                for (var i=0; i<sentenceCount; i++)

                document.write(bodyText[Math.floor(Math.random()\*7)]+" ")

            }

        </script>

    </head>

    <body>

        <main>

            <div class="innertube">

                <h1>Heading</h1>

                <p><script>generateText(300)</script></p>

            </div>

        </main>

        <nav id="nav">

            <div class="innertube">

                <h1>Heading</h1>

                <ul>

                    <li><a href="#">Link 1</a></li>

                    <li><a href="#">Link 2</a></li>

                    <li><a href="#">Link 3</a></li>

                    <li><a href="#">Link 4</a></li>

                    <li><a href="#">Link 5</a></li>

                </ul>

                <h1>Heading</h1>

                <ul>

                    <li><a href="#">Link 1</a></li>

                    <li><a href="#">Link 2</a></li>

                    <li><a href="#">Link 3</a></li>

                    <li><a href="#">Link 4</a></li>

                    <li><a href="#">Link 5</a></li>

                </ul>

            </div>

        </nav>

        <footer id="footer">

            <div id="logo">

                <h1>CoolLogo</h1>

            </div>

        </footer>

    </body>

</html>

*Nawan2.html*

!DOCTYPE html>

<!-- Template by html.am -->

<html>

    <head>

        <meta http-equiv="Content-Type" content="text/html; charset=utf-8">

        <title>2 Rows, 2 Columns, A</title>

        <style type="text/css">

        body {

            margin: 0;

            padding: 0;

            overflow: hidden;

            height: 100%;

            max-height: 100%;

            font-family:Sans-serif;

            line-height: 1.5em;

        }

        #header {

            position: absolute;

            top: 0;

            left: 0;

            width: 100%;

            height: 100px;

            overflow: hidden; /\* Disables scrollbars on the header frame. To enable scrollbars, change "hidden" to "scroll" \*/

            background: #BCCE98;

        }

        #nav {

            position: absolute;

            top: 100px;

            left: 0;

            bottom: 0;

            width: 230px;

            overflow: auto; /\* Scrollbars will appear on this frame only when there's enough content to require scrolling. To disable scrollbars, change to "hidden", or use "scroll" to enable permanent scrollbars \*/

            background: #DAE9BC;

        }

        #logo {

            padding:10px;

        }

        main {

            position: fixed;

            top: 100px; /\* Set this to the height of the header \*/

            left: 230px;

            right: 0;

            bottom: 0;

            overflow: auto;

            background: #fff;

        }

        .innertube {

            margin: 15px; /\* Provides padding for the content \*/

        }

        p {

            color: #555;

        }

        nav ul {

            list-style-type: none;

            margin: 0;

            padding: 0;

        }

        nav ul a {

            color: darkgreen;

            text-decoration: none;

        }

        /\*IE6 fix\*/

        \* html body{

            padding: 100px 0 0 230px; /\* Set the first value to the height of the header and last value to the width of the nav \*/

        }

        \* html main{

            height: 100%;

            width: 100%;

        }

        </style>

        <script type="text/javascript">

            /\* =============================

            This script generates sample text for the body content.

            You can remove this script and any reference to it.

             ============================= \*/

            var bodyText=["The smaller your reality, the more convinced you are that you know everything.", "If the facts don't fit the theory, change the facts.", "The past has no power over the present moment.", "This, too, will pass.", "</p><p>You will not be punished for your anger, you will be punished by your anger.", "Peace comes from within. Do not seek it without.", "<h3>Heading</h3><p>The most important moment of your life is now. The most important person in your life is the one you are with now, and the most important activity in your life is the one you are involved with now."]

            function generateText(sentenceCount){

                for (var i=0; i<sentenceCount; i++)

                document.write(bodyText[Math.floor(Math.random()\*7)]+" ")

            }

        </script>

    </head>

    <body>

        <header id="header">

            <div id="logo">

                <h1>CoolLogo</h1>

            </div>

        </header>

        <main>

            <div class="innertube">

                <h1>Heading</h1>

                <p><script>generateText(300)</script></p>

            </div>

        </main>

        <nav id="nav">

            <div class="innertube">

                <h1>Heading</h1>

                <ul>

                    <li><a href="#">Link 1</a></li>

                    <li><a href="#">Link 2</a></li>

                    <li><a href="#">Link 3</a></li>

                    <li><a href="#">Link 4</a></li>

                    <li><a href="#">Link 5</a></li>

                </ul>

                <h1>Heading</h1>

                <ul>

                    <li><a href="#">Link 1</a></li>

                    <li><a href="#">Link 2</a></li>

                    <li><a href="#">Link 3</a></li>

                    <li><a href="#">Link 4</a></li>

                    <li><a href="#">Link 5</a></li>

                </ul>

                <h1>Heading</h1>

                <ul>

                    <li><a href="#">Link 1</a></li>

                    <li><a href="#">Link 2</a></li>

                    <li><a href="#">Link 3</a></li>

                    <li><a href="#">Link 4</a></li>

                    <li><a href="#">Link 5</a></li>

                </ul>

            </div>

        </nav>

    </body>

</html>

*js*

*let pElem = document.querySelector('p');*

*pElem.textContent = 'We changed the text!';*

|  |  |
| --- | --- |
|  | <!DOCTYPE html><html lang="en-US" prefix="og: https://ogp.me/ns#"><head><meta charset="utf-8"><meta name="viewport" content="width=device-width,initial-scale=1"><link rel="icon" href="[/favicon-48x48.cbbd161b.png](https://developer.mozilla.org/favicon-48x48.cbbd161b.png)"><link rel="apple-touch-icon" href="[/apple-touch-icon.6803c6f0.png](https://developer.mozilla.org/apple-touch-icon.6803c6f0.png)"><meta name="theme-color" content="#ffffff"><link rel="manifest" href="[/manifest.56b1cedc.json](https://developer.mozilla.org/manifest.56b1cedc.json)"><link rel="search" type="application/opensearchdescription+xml" href="[/opensearch.xml](https://developer.mozilla.org/opensearch.xml)" title="MDN Web Docs"><script>Array.prototype.flat&&Array.prototype.includes||document.write('<script src="https://polyfill.io/v3/polyfill.min.js?features=Array.prototype.flat%2Ces6"><\/script>')</script><title>Creating hyperlinks - Learn web development | MDN</title><link rel="alternate" title="Creating hyperlinks" href="<https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks>" hreflang="en"><link rel="alternate" title="Creating hyperlinks" href="<https://developer.mozilla.org/zh-TW/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks>" hreflang="zh-TW"><link rel="alternate" title="建立超链接" href="<https://developer.mozilla.org/zh-CN/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks>" hreflang="zh"><link rel="alternate" title="Создание гиперссылок" href="<https://developer.mozilla.org/ru/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks>" hreflang="ru"><link rel="alternate" title="Criando hyperlinks" href="<https://developer.mozilla.org/pt-BR/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks>" hreflang="pt"><link rel="alternate" title="하이퍼링크 만들기" href="<https://developer.mozilla.org/ko/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks>" hreflang="ko"><link rel="alternate" title="ハイパーリンクの作成" href="<https://developer.mozilla.org/ja/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks>" hreflang="ja"><link rel="alternate" title="Création d'hyperliens" href="<https://developer.mozilla.org/fr/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks>" hreflang="fr"><link rel="alternate" title="Crear hipervínculos" href="<https://developer.mozilla.org/es/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks>" hreflang="es"><link rel="alternate" title="Erstellen von Hyperlinks" href="<https://developer.mozilla.org/de/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks>" hreflang="de"><meta name="description" content="That's it for links, for now anyway! You'll return to links later on in the course when you start to look at styling them. Next up for HTML, we'll return to text semantics and look at some more advanced/unusual features that you'll find useful — Advanced text formatting is your next stop."><meta property="og:url" content="https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction\_to\_HTML/Creating\_hyperlinks"><meta property="og:title" content="Creating hyperlinks - Learn web development | MDN"><meta property="og:description" content="That's it for links, for now anyway! You'll return to links later on in the course when you start to look at styling them. Next up for HTML, we'll return to text semantics and look at some more advanced/unusual features that you'll find useful — Advanced text formatting is your next stop."><meta property="og:locale" content="en-US"><meta property="og:image" content="https://developer.mozilla.org/mdn-social-share.cd6c4a5a.png"><meta property="twitter:card" content="summary\_large\_image"><meta name="robots" content="index, follow"><link rel="canonical" href="<https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks>"><style media="print">.breadcrumbs-container,.document-toc-container,.language-menu,.language-toggle,.on-github,.page-footer,.top-navigation-main,nav.sidebar,ul.prev-next{display:none!important}.main-page-content,.main-page-content pre{padding:2px}.main-page-content pre{border-left-width:2px}</style><script defer="defer" src="[/static/js/main.71abeddc.js](https://developer.mozilla.org/static/js/main.71abeddc.js)"></script><link href="[/static/css/main.0ea2ed6f.css](https://developer.mozilla.org/static/css/main.0ea2ed6f.css)" rel="stylesheet"><script defer="" src="[/static/js/ga.js](https://developer.mozilla.org/static/js/ga.js)"></script></head><body><script>const c={light:"#ffffff",dark:"#1b1b1b"};if(window&&document.documentElement){const e=window.localStorage.getItem("theme");e&&(document.documentElement.className=e,document.documentElement.style.backgroundColor=c[e])}</script><div id="root"><ul id="nav-access" class="a11y-nav"><li><a id="skip-main" href="[#content](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks#content)">Skip to main content</a></li><li><a id="skip-search" href="[#top-nav-search-q](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks#top-nav-search-q)">Skip to search</a></li><li><a id="skip-select-language" href="[#languages-switcher-button](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks#languages-switcher-button)">Skip to select language</a></li></ul><div class="page-wrapper category-html document-page"><div class="main-document-header-container"><header class="main-document-header-container top-navigation |
|  |  |
|  | "><div class="container "><div class="top-navigation-wrap"><a href="[/en-US/](https://developer.mozilla.org/en-US/)" class="logo" aria-label="MDN homepage"><svg id="mdn-docs-logo" xmlns="http://www.w3.org/2000/svg" x="0" y="0" viewBox="0 0 694.9 104.4" style="enable-background:new 0 0 694.9 104.4" xml:space="preserve" role="img"><title>MDN Web Docs</title><style>.logo-m{fill:var(--text-link)}</style><g class="logo-m"><path d="M40.3 0 11.7 92.1H0L28.5 0h11.8zM50.7 0v92.1H40.3V0h10.4zM91 0 62.5 92.1H50.8L79.3 0H91zM101.4 0v92.1H91V0h10.4z"></path></g><path class="logo-m" d="M627.9 95.6h67v8.8h-67v-8.8z"></path><g style="fill:var(--text-primary)"><path d="M367 42h-4l-10.7 30.8h-5.5l-10.8-26h-.4l-10.5 26h-5.2L308.7 42h-3.8v-5.6H323V42h-6.5l6.8 20.4h.4l10.3-26h4.7l11.2 26h.5l5.7-20.3h-6.2v-5.6H367V42zM401.9 62c-.4 3.2-2 5.9-4.7 8.2-2.8 2.3-6.5 3.4-11.3 3.4-5.4 0-9.7-1.6-13.1-4.7-3.3-3.2-5-7.7-5-13.7 0-5.7 1.6-10.3 4.7-14s7.4-5.5 12.9-5.5c5.1 0 9.1 1.6 11.9 4.7s4.3 6.9 4.3 11.3c0 1.5-.2 3-.5 4.7h-25.6c.3 7.7 4 11.6 10.9 11.6 2.9 0 5.1-.7 6.5-2 1.5-1.4 2.5-3 3-4.9l6 .9zM394 51.3c.2-2.4-.4-4.7-1.8-6.9s-3.8-3.3-7-3.3c-3.1 0-5.3 1-6.9 3-1.5 2-2.5 4.4-2.8 7.2H394zM445 53.7c0 5-1.3 9.5-4 13.7s-6.9 6.2-12.7 6.2c-6 0-10.3-2.2-12.7-6.7-.1.4-.2 1.4-.4 2.9s-.3 2.5-.4 2.9h-7.3c.3-1.7.6-3.5.8-5.3.3-1.8.4-3.7.4-5.5V22.3h-6v-5.6H416v27c1.1-2.2 2.7-4.1 4.7-5.7 2-1.6 4.8-2.4 8.4-2.4 4.6 0 8.4 1.6 11.4 4.7 3 3.2 4.5 7.6 4.5 13.4zm-7.7.6c0-4.2-1-7.4-3-9.5-2-2.2-4.4-3.3-7.4-3.3-3.4 0-6 1.2-8 3.7-1.9 2.4-2.9 5-3 7.7V57c0 3 1 5.6 3 7.7s4.5 3.1 7.6 3.1c3.6 0 6.3-1.3 8.1-3.9 1.8-2.7 2.7-5.9 2.7-9.6zM506.5 72.8h-13.2v-7.2c-1.2 2.2-2.8 4.1-4.9 5.6-2.1 1.6-4.8 2.4-8.3 2.4-4.8 0-8.7-1.6-11.6-4.9-2.9-3.2-4.3-7.7-4.3-13.3 0-5 1.3-9.6 4-13.7 2.6-4.1 6.9-6.2 12.8-6.2 5.7 0 9.8 2.2 12.3 6.5V22.3h-8.6v-5.6h15.8v50.6h6v5.5zM493.2 56v-4.4c-.1-3-1.2-5.5-3.2-7.3s-4.4-2.8-7.2-2.8c-3.6 0-6.3 1.3-8.2 3.9-1.9 2.6-2.8 5.8-2.8 9.6 0 4.1 1 7.3 3 9.5s4.5 3.3 7.4 3.3c3.2 0 5.8-1.3 7.8-3.8 2.1-2.6 3.1-5.3 3.2-8zM546.3 54.6c0 5.6-1.8 10.2-5.3 13.7s-8.2 5.3-13.9 5.3-10.1-1.7-13.4-5.1c-3.3-3.4-5-7.9-5-13.5 0-5.3 1.6-9.9 4.7-13.7 3.2-3.8 7.9-5.7 14.2-5.7s11 1.9 14.1 5.7c3 3.7 4.6 8.1 4.6 13.3zm-7.7-.2c0-4-1-7.2-3-9.5s-4.8-3.5-8.2-3.5c-3.6 0-6.4 1.2-8.3 3.7s-2.9 5.6-2.9 9.5c0 3.7.9 6.8 2.8 9.4 1.9 2.6 4.6 3.9 8.3 3.9 3.6 0 6.4-1.3 8.4-3.8 1.9-2.6 2.9-5.8 2.9-9.7zM583.6 60.2c-.4 3.2-1.9 6.3-4.4 9.1-2.5 2.9-6.4 4.3-11.8 4.3-5.2 0-9.4-1.6-12.6-4.8-3.2-3.2-4.8-7.7-4.8-13.7 0-5.5 1.6-10.1 4.7-13.9 3.2-3.8 7.6-5.7 13.2-5.7 2.3 0 4.6.3 6.7.8 2.2.5 4.2 1.5 6.2 2.9l1.5 9.5-5.9.7-1.3-6.1c-2.1-1.2-4.5-1.8-7.2-1.8-3.5 0-6.1 1.2-7.7 3.7-1.7 2.5-2.5 5.7-2.5 9.6 0 4.1.9 7.3 2.7 9.5 1.8 2.3 4.4 3.4 7.8 3.4 5.2 0 8.2-2.9 9.2-8.8l6.2 1.3zM618.3 62.1c0 3.6-1.5 6.5-4.6 8.5s-7 3-11.7 3c-5.7 0-10.6-1.2-14.6-3.6l1.2-8.8 5.7.6-.2 4.7c1.1.5 2.3.9 3.6 1.1s2.6.3 3.9.3c2.4 0 4.5-.4 6.5-1.3 1.9-.9 2.9-2.2 2.9-4.1 0-1.8-.8-3.1-2.3-3.8s-3.5-1.3-5.8-1.7-4.6-.9-6.9-1.4c-2.3-.6-4.2-1.6-5.7-2.9-1.6-1.4-2.3-3.5-2.3-6.3 0-4.1 1.5-6.9 4.6-8.5s6.4-2.4 9.9-2.4c2.6 0 5 .3 7.2.9 2.2.6 4.3 1.4 6.1 2.4l.8 8.8-5.8.7-.8-5.7c-2.3-1-4.7-1.6-7.2-1.6-2.1 0-3.7.4-5.1 1.1-1.3.8-2 2-2 3.8 0 1.7.8 2.9 2.3 3.6 1.5.7 3.4 1.2 5.7 1.6 2.2.4 4.5.8 6.7 1.4 2.2.6 4.1 1.6 5.7 3 1.4 1.6 2.2 3.7 2.2 6.6zM197.6 73.2h-17.1v-5.5h3.8V51.9c0-3.7-.7-6.3-2.1-7.9-1.4-1.6-3.3-2.3-5.7-2.3-3.2 0-5.6 1.1-7.2 3.4s-2.4 4.6-2.5 6.9v15.6h6v5.5h-17.1v-5.5h3.8V51.9c0-3.8-.7-6.4-2.1-7.9-1.4-1.5-3.3-2.3-5.6-2.3-3.2 0-5.5 1.1-7.2 3.3-1.6 2.2-2.4 4.5-2.5 6.9v15.8h6.9v5.5h-20.2v-5.5h6V42.4h-6.1v-5.6h13.4v6.4c1.2-2.1 2.7-3.8 4.7-5.2 2-1.3 4.4-2 7.3-2s5.3.7 7.5 2.1c2.2 1.4 3.7 3.5 4.5 6.4 1.1-2.5 2.7-4.5 4.9-6.1s4.8-2.4 7.9-2.4c3.5 0 6.5 1.1 8.9 3.3s3.7 5.6 3.7 10.2v18.2h6.1v5.5zm42.5 0h-13.2V66c-1.2 2.2-2.8 4.1-4.9 5.6-2.1 1.6-4.8 2.4-8.3 2.4-4.8 0-8.7-1.6-11.6-4.9-2.9-3.2-4.3-7.7-4.3-13.3 0-5 1.3-9.6 4-13.7 2.6-4.1 6.9-6.2 12.8-6.2s9.8 2.2 12.3 6.5V22.7h-8.6v-5.6h15.8v50.6h6v5.5zm-13.3-16.8V52c-.1-3-1.2-5.5-3.2-7.3s-4.4-2.8-7.2-2.8c-3.6 0-6.3 1.3-8.2 3.9-1.9 2.6-2.8 5.8-2.8 9.6 0 4.1 1 7.3 3 9.5s4.5 3.3 7.4 3.3c3.2 0 5.8-1.3 7.8-3.8 2.1-2.6 3.1-5.3 3.2-8zm61.5 16.8H269v-5.5h6V51.9c0-3.7-.7-6.3-2.2-7.9-1.4-1.6-3.4-2.3-5.7-2.3-3.1 0-5.6 1-7.4 3s-2.8 4.4-2.9 7v15.9h6v5.5h-19.3v-5.5h6V42.4h-6.2v-5.6h13.6V43c2.6-4.6 6.8-6.9 12.7-6.9 3.6 0 6.7 1.1 9.2 3.3s3.7 5.6 3.7 10.2v18.2h6v5.4h-.2z"></path></g></svg></a><button aria-expanded="false" aria-haspopup="menu" aria-label="Open main menu" title="Open main menu" type="button" class="button action has-icon main-menu-toggle"><span class="button-wrap"><span class="icon icon-menu "></span><span class="visually-hidden">Open main menu</span></span></button></div><div class="top-navigation-main"><nav class="main-nav" aria-label="Main menu"><ul class="main-menu nojs"><li class="top-level-entry-container"><button type="button" id="references-button" class="top-level-entry menu-toggle" aria-controls="references-menu" aria-haspopup="menu" aria-expanded="false">References</button><a class="top-level-entry" href="[/en-US/docs/Web](https://developer.mozilla.org/en-US/docs/Web)">References</a><ul id="references-menu" class="submenu references hidden inline-submenu-lg" role="menu" aria-labelledby="references-button"><li role="menuitem" class="apis-link-container mobile-only "><a href="[/en-US/docs/Web](https://developer.mozilla.org/en-US/docs/Web)" class="submenu-item " role="menuitem"><div class="submenu-icon"></div><div class="submenu-content-container"><div class="submenu-item-heading">Overview / Web Technology</div><p class="submenu-item-description">Web technology reference for developers</p></div></a></li><li role="menuitem" class="html-link-container "><a href="[/en-US/docs/Web/HTML](https://developer.mozilla.org/en-US/docs/Web/HTML)" class="submenu-item " role="menuitem"><div class="submenu-icon html"></div><div class="submenu-content-container"><div class="submenu-item-heading">HTML</div><p class="submenu-item-description">Structure of content on the web</p></div></a></li><li role="menuitem" class="css-link-container "><a href="[/en-US/docs/Web/CSS](https://developer.mozilla.org/en-US/docs/Web/CSS)" class="submenu-item " role="menuitem"><div class="submenu-icon css"></div><div class="submenu-content-container"><div class="submenu-item-heading">CSS</div><p class="submenu-item-description">Code used to describe document style</p></div></a></li><li role="menuitem" class="javascript-link-container "><a href="[/en-US/docs/Web/JavaScript](https://developer.mozilla.org/en-US/docs/Web/JavaScript)" class="submenu-item " role="menuitem"><div class="submenu-icon javascript"></div><div class="submenu-content-container"><div class="submenu-item-heading">JavaScript</div><p class="submenu-item-description">General-purpose scripting language</p></div></a></li><li role="menuitem" class="http-link-container "><a href="[/en-US/docs/Web/HTTP](https://developer.mozilla.org/en-US/docs/Web/HTTP)" class="submenu-item " role="menuitem"><div class="submenu-icon http"></div><div class="submenu-content-container"><div class="submenu-item-heading">HTTP</div><p class="submenu-item-description">Protocol for transmitting web resources</p></div></a></li><li role="menuitem" class="apis-link-container "><a href="[/en-US/docs/Web/API](https://developer.mozilla.org/en-US/docs/Web/API)" class="submenu-item " role="menuitem"><div class="submenu-icon apis"></div><div class="submenu-content-container"><div class="submenu-item-heading">Web APIs</div><p class="submenu-item-description">Interfaces for building web applications</p></div></a></li><li role="menuitem" class="apis-link-container desktop-only "><a href="[/en-US/docs/Web](https://developer.mozilla.org/en-US/docs/Web)" class="submenu-item " role="menuitem"><div class="submenu-icon"></div><div class="submenu-content-container"><div class="submenu-item-heading">Web Technology</div><p class="submenu-item-description">Web technology reference for developers</p></div></a></li></ul></li><li class="top-level-entry-container"><button type="button" id="guides-button" class="top-level-entry menu-toggle" aria-controls="guides-menu" aria-haspopup="menu" aria-expanded="false">Guides</button><a class="top-level-entry" href="[/en-US/docs/Learn](https://developer.mozilla.org/en-US/docs/Learn)">Guides</a><ul id="guides-menu" class="submenu guides hidden inline-submenu-lg" role="menu" aria-labelledby="guides-button"><li role="menuitem" class="apis-link-container mobile-only "><a href="[/en-US/docs/Learn](https://developer.mozilla.org/en-US/docs/Learn)" class="submenu-item " role="menuitem"><div class="submenu-icon learn"></div><div class="submenu-content-container"><div class="submenu-item-heading">Overview / MDN Learning Area</div><p class="submenu-item-description">Learn web development</p></div></a></li><li role="menuitem" class="apis-link-container desktop-only "><a href="[/en-US/docs/Learn](https://developer.mozilla.org/en-US/docs/Learn)" class="submenu-item " role="menuitem"><div class="submenu-icon learn"></div><div class="submenu-content-container"><div class="submenu-item-heading">MDN Learning Area</div><p class="submenu-item-description">Learn web development</p></div></a></li><li role="menuitem" class="html-link-container "><a href="[/en-US/docs/Learn/HTML](https://developer.mozilla.org/en-US/docs/Learn/HTML)" class="submenu-item " role="menuitem"><div class="submenu-icon html"></div><div class="submenu-content-container"><div class="submenu-item-heading">HTML</div><p class="submenu-item-description">Learn to structure web content with HTML</p></div></a></li><li role="menuitem" class="css-link-container "><a href="[/en-US/docs/Learn/CSS](https://developer.mozilla.org/en-US/docs/Learn/CSS)" class="submenu-item " role="menuitem"><div class="submenu-icon css"></div><div class="submenu-content-container"><div class="submenu-item-heading">CSS</div><p class="submenu-item-description">Learn to style content using CSS</p></div></a></li><li role="menuitem" class="javascript-link-container "><a href="[/en-US/docs/Learn/JavaScript](https://developer.mozilla.org/en-US/docs/Learn/JavaScript)" class="submenu-item " role="menuitem"><div class="submenu-icon javascript"></div><div class="submenu-content-container"><div class="submenu-item-heading">JavaScript</div><p class="submenu-item-description">Learn to run scripts in the browser</p></div></a></li><li role="menuitem" class=" "><a href="[/en-US/docs/Web/Accessibility](https://developer.mozilla.org/en-US/docs/Web/Accessibility)" class="submenu-item " role="menuitem"><div class="submenu-icon"></div><div class="submenu-content-container"><div class="submenu-item-heading">Accessibility</div><p class="submenu-item-description">Learn to make the web accessible to all</p></div></a></li></ul></li><li class="top-level-entry-container"><button type="button" id="mdn-plus-button" class="top-level-entry menu-toggle" aria-controls="mdn-plus-menu" aria-haspopup="menu" aria-expanded="false">MDN Plus</button><a class="top-level-entry" href="[/en-US/plus](https://developer.mozilla.org/en-US/plus)">MDN Plus</a><ul id="mdn-plus-menu" class="submenu mdn-plus hidden inline-submenu-lg" role="menu" aria-labelledby="mdn-plus-button"><li role="menuitem" class="mobile-only "><a href="[/en-US/plus](https://developer.mozilla.org/en-US/plus)" class="submenu-item " role="menuitem"><div class="submenu-icon"></div><div class="submenu-content-container"><div class="submenu-item-heading">Overview</div><p class="submenu-item-description">More MDN. Your MDN.</p></div></a></li><li role="menuitem" class=" "><a href="[/en-US/plus/docs/faq](https://developer.mozilla.org/en-US/plus/docs/faq)" class="submenu-item " role="menuitem"><div class="submenu-icon"></div><div class="submenu-content-container"><div class="submenu-item-heading">FAQ</div><p class="submenu-item-description">Frequently asked questions about MDN Plus</p></div></a></li></ul></li></ul></nav><div class="header-search"><form action="/en-US/search" role="search" aria-haspopup="listbox" aria-owns="top-nav-search-menu" aria-expanded="false" class="search-form search-widget" id="top-nav-search-form"><label id="top-nav-search-label" for="top-nav-search-input" class="visually-hidden">Search MDN</label><input id="top-nav-search-input" aria-autocomplete="list" aria-controls="top-nav-search-menu" aria-labelledby="top-nav-search-label" autocomplete="off" type="search" class="search-input-field" name="q" placeholder="   " required="" value=""><button type="button" class="button action has-icon clear-search-button"><span class="button-wrap"><span class="icon icon-cancel "></span><span class="visually-hidden">Clear search input</span></span></button><button type="submit" class="button action has-icon search-button"><span class="button-wrap"><span class="icon icon-search "></span><span class="visually-hidden">Search</span></span></button><div id="top-nav-search-menu" role="listbox" aria-labelledby="top-nav-search-label"></div></form></div><div class="theme-switcher-menu"><button aria-haspopup="menu" type="button" class="button action has-icon theme-switcher-menu small"><span class="button-wrap"><span class="icon icon-theme-os-default "></span>Theme</span></button></div><ul class="auth-container"><li><a href="[/users/fxa/login/authenticate/?next=%2Fen-US%2Fdocs%2FLearn%2FHTML%2FIntroduction\_to\_HTML%2FCreating\_hyperlinks](https://developer.mozilla.org/users/fxa/login/authenticate/?next=%2Fen-US%2Fdocs%2FLearn%2FHTML%2FIntroduction_to_HTML%2FCreating_hyperlinks)" class="signin-link" rel="nofollow">Already a subscriber?</a></li><li><a class="button primary mdn-plus-subscribe-link" href="[/en-US/plus](https://developer.mozilla.org/en-US/plus)"><span class="button-wrap">Get MDN Plus</span></a></li></ul></div></div></header><div class="article-actions-container"><div class="container"><button type="button" class="button action has-icon sidebar-button"><span class="button-wrap"><span class="icon icon-sidebar "></span></span></button><nav class="breadcrumbs-container" aria-label="Breadcrumb navigation"><ol typeof="BreadcrumbList" vocab="https://schema.org/" aria-label="breadcrumbs"><li property="itemListElement" typeof="ListItem"><a class="breadcrumb" property="item" typeof="WebPage" href="[/en-US/docs/Learn](https://developer.mozilla.org/en-US/docs/Learn)"><span property="name">Guides</span></a><meta property="position" content="1"></li><li property="itemListElement" typeof="ListItem"><a class="breadcrumb" property="item" typeof="WebPage" href="[/en-US/docs/Learn/HTML](https://developer.mozilla.org/en-US/docs/Learn/HTML)"><span property="name">HTML</span></a><meta property="position" content="2"></li><li property="itemListElement" typeof="ListItem"><a class="breadcrumb" property="item" typeof="WebPage" href="[/en-US/docs/Learn/HTML/Introduction\_to\_HTML](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML)"><span property="name">Introduction to HTML</span></a><meta property="position" content="3"></li><li property="itemListElement" typeof="ListItem"><a class="breadcrumb-current-page" property="item" typeof="WebPage" href="[/en-US/docs/Learn/HTML/Introduction\_to\_HTML/Creating\_hyperlinks](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks)"><span property="name">Creating hyperlinks</span></a><meta property="position" content="4"></li></ol></nav><div class="article-actions"><button type="button" class="button action has-icon article-actions-toggle"><span class="button-wrap"><span class="icon icon-ellipses "></span><span class="article-actions-dialog-heading">Article Actions</span></span></button><ul class="article-actions-entries"><li class="article-actions-entry"><div class="languages-switcher-menu open-on-focus-within"><button aria-haspopup="menu" id="languages-switcher-button" type="button" class="button action small has-icon languages-switcher-menu"><span class="button-wrap"><span class="icon icon-language "></span>English (US)</span></button></div></li></ul></div></div></div></div><div class="main-wrapper"><nav id="sidebar-quicklinks" class="sidebar"><button type="button" class="button action backdrop"><span class="button-wrap"></span></button><div class="sidebar-inner"><div class="in-nav-toc"><aside class="document-toc-container"><section class="document-toc"><header><h2 class="document-toc-heading">In this article</h2></header><ul class="document-toc-list" id="toc-entries"><li class="document-toc-item "><a class="document-toc-link" href="[#what\_is\_a\_hyperlink](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks#what_is_a_hyperlink)">What is a hyperlink?</a></li><li class="document-toc-item "><a class="document-toc-link" href="[#anatomy\_of\_a\_link](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks#anatomy_of_a_link)">Anatomy of a link</a></li><li class="document-toc-item "><a class="document-toc-link" href="[#a\_quick\_primer\_on\_urls\_and\_paths](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks#a_quick_primer_on_urls_and_paths)">A quick primer on URLs and paths</a></li><li class="document-toc-item "><a class="document-toc-link" href="[#link\_best\_practices](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks#link_best_practices)">Link best practices</a></li><li class="document-toc-item "><a class="document-toc-link" href="[#active\_learning\_creating\_a\_navigation\_menu](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks#active_learning_creating_a_navigation_menu)">Active learning: creating a navigation menu</a></li><li class="document-toc-item "><a class="document-toc-link" href="[#e-mail\_links](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks#e-mail_links)">E-mail links</a></li><li class="document-toc-item "><a class="document-toc-link" href="[#test\_your\_skills!](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks#test_your_skills!)">Test your skills!</a></li><li class="document-toc-item "><a class="document-toc-link" href="[#summary](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks#summary)">Summary</a></li><li class="document-toc-item "><a class="document-toc-link" href="[#in\_this\_module](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks#in_this_module)">In this module</a></li></ul></section></aside></div><h4 class="sidebar-heading">Related Topics</h4><div> |
|  |  |
|  | <ol> |
|  | <li data-default-state=""><a href="[/en-US/docs/Learn/Getting\_started\_with\_the\_web](https://developer.mozilla.org/en-US/docs/Learn/Getting_started_with_the_web)"><strong>Complete beginners start here!</strong></a></li> |
|  | <li class="toggle"> |
|  | <details> |
|  | <summary>Getting started with the web</summary> |
|  | <ol> |
|  | <li><a href="[/en-US/docs/Learn/Getting\_started\_with\_the\_web](https://developer.mozilla.org/en-US/docs/Learn/Getting_started_with_the_web)">Getting started with the web overview</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Getting\_started\_with\_the\_web/Installing\_basic\_software](https://developer.mozilla.org/en-US/docs/Learn/Getting_started_with_the_web/Installing_basic_software)">Installing basic software</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Getting\_started\_with\_the\_web/What\_will\_your\_website\_look\_like](https://developer.mozilla.org/en-US/docs/Learn/Getting_started_with_the_web/What_will_your_website_look_like)">What will your website look like?</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Getting\_started\_with\_the\_web/Dealing\_with\_files](https://developer.mozilla.org/en-US/docs/Learn/Getting_started_with_the_web/Dealing_with_files)">Dealing with files</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Getting\_started\_with\_the\_web/HTML\_basics](https://developer.mozilla.org/en-US/docs/Learn/Getting_started_with_the_web/HTML_basics)">HTML basics</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Getting\_started\_with\_the\_web/CSS\_basics](https://developer.mozilla.org/en-US/docs/Learn/Getting_started_with_the_web/CSS_basics)">CSS basics</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Getting\_started\_with\_the\_web/JavaScript\_basics](https://developer.mozilla.org/en-US/docs/Learn/Getting_started_with_the_web/JavaScript_basics)">JavaScript basics</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Getting\_started\_with\_the\_web/Publishing\_your\_website](https://developer.mozilla.org/en-US/docs/Learn/Getting_started_with_the_web/Publishing_your_website)">Publishing your website</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Getting\_started\_with\_the\_web/How\_the\_Web\_works](https://developer.mozilla.org/en-US/docs/Learn/Getting_started_with_the_web/How_the_Web_works)">How the web works</a></li> |
|  | </ol> |
|  | </details> |
|  | </li> |
|  | <li data-default-state="open"><a href="[/en-US/docs/Learn/HTML](https://developer.mozilla.org/en-US/docs/Learn/HTML)"><strong>HTML — Structuring the web</strong></a></li> |
|  | <li class="toggle"> |
|  | <details open=""> |
|  | <summary>Introduction to HTML</summary> |
|  | <ol> |
|  | <li><a href="[/en-US/docs/Learn/HTML/Introduction\_to\_HTML](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML)">Introduction to HTML overview</a></li> |
|  | <li><a href="[/en-US/docs/Learn/HTML/Introduction\_to\_HTML/Getting\_started](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Getting_started)">Getting started with HTML</a></li> |
|  | <li><a href="[/en-US/docs/Learn/HTML/Introduction\_to\_HTML/The\_head\_metadata\_in\_HTML](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/The_head_metadata_in_HTML)">What's in the head? Metadata in HTML</a></li> |
|  | <li><a href="[/en-US/docs/Learn/HTML/Introduction\_to\_HTML/HTML\_text\_fundamentals](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/HTML_text_fundamentals)">HTML text fundamentals</a></li> |
|  | <li><a href="[/en-US/docs/Learn/HTML/Introduction\_to\_HTML/Creating\_hyperlinks](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks)">Creating hyperlinks</a></li> |
|  | <li><a href="[/en-US/docs/Learn/HTML/Introduction\_to\_HTML/Advanced\_text\_formatting](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Advanced_text_formatting)">Advanced text formatting</a></li> |
|  | <li><a href="[/en-US/docs/Learn/HTML/Introduction\_to\_HTML/Document\_and\_website\_structure](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Document_and_website_structure)">Document and website structure</a></li> |
|  | <li><a href="[/en-US/docs/Learn/HTML/Introduction\_to\_HTML/Debugging\_HTML](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Debugging_HTML)">Debugging HTML</a></li> |
|  | <li><a href="[/en-US/docs/Learn/HTML/Introduction\_to\_HTML/Marking\_up\_a\_letter](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Marking_up_a_letter)">Assessment: Marking up a letter</a></li> |
|  | <li><a href="[/en-US/docs/Learn/HTML/Introduction\_to\_HTML/Structuring\_a\_page\_of\_content](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Structuring_a_page_of_content)">Assessment: Structuring a page of content</a></li> |
|  | </ol> |
|  | </details> |
|  | </li> |
|  | <li class="toggle"> |
|  | <details> |
|  | <summary>Multimedia and embedding</summary> |
|  | <ol> |
|  | <li><a href="[/en-US/docs/Learn/HTML/Multimedia\_and\_embedding](https://developer.mozilla.org/en-US/docs/Learn/HTML/Multimedia_and_embedding)">Multimedia and embedding overview</a></li> |
|  | <li><a href="[/en-US/docs/Learn/HTML/Multimedia\_and\_embedding/Images\_in\_HTML](https://developer.mozilla.org/en-US/docs/Learn/HTML/Multimedia_and_embedding/Images_in_HTML)">Images in HTML</a></li> |
|  | <li><a href="[/en-US/docs/Learn/HTML/Multimedia\_and\_embedding/Video\_and\_audio\_content](https://developer.mozilla.org/en-US/docs/Learn/HTML/Multimedia_and_embedding/Video_and_audio_content)">Video and audio content</a></li> |
|  | <li><a href="[/en-US/docs/Learn/HTML/Multimedia\_and\_embedding/Other\_embedding\_technologies](https://developer.mozilla.org/en-US/docs/Learn/HTML/Multimedia_and_embedding/Other_embedding_technologies)">From object to iframe — other embedding technologies</a></li> |
|  | <li><a href="[/en-US/docs/Learn/HTML/Multimedia\_and\_embedding/Adding\_vector\_graphics\_to\_the\_Web](https://developer.mozilla.org/en-US/docs/Learn/HTML/Multimedia_and_embedding/Adding_vector_graphics_to_the_Web)">Adding vector graphics to the web</a></li> |
|  | <li><a href="[/en-US/docs/Learn/HTML/Multimedia\_and\_embedding/Responsive\_images](https://developer.mozilla.org/en-US/docs/Learn/HTML/Multimedia_and_embedding/Responsive_images)">Responsive images</a></li> |
|  | <li><a href="[/en-US/docs/Learn/HTML/Multimedia\_and\_embedding/Mozilla\_splash\_page](https://developer.mozilla.org/en-US/docs/Learn/HTML/Multimedia_and_embedding/Mozilla_splash_page)">Assessment: Mozilla splash page</a></li> |
|  | </ol> |
|  | </details> |
|  | </li> |
|  | <li class="toggle"> |
|  | <details> |
|  | <summary>HTML tables</summary> |
|  | <ol> |
|  | <li><a href="[/en-US/docs/Learn/HTML/Tables](https://developer.mozilla.org/en-US/docs/Learn/HTML/Tables)">HTML tables overview</a></li> |
|  | <li><a href="[/en-US/docs/Learn/HTML/Tables/Basics](https://developer.mozilla.org/en-US/docs/Learn/HTML/Tables/Basics)">HTML table basics</a></li> |
|  | <li><a href="[/en-US/docs/Learn/HTML/Tables/Advanced](https://developer.mozilla.org/en-US/docs/Learn/HTML/Tables/Advanced)">HTML table advanced features and accessibility</a></li> |
|  | <li><a href="[/en-US/docs/Learn/HTML/Tables/Structuring\_planet\_data](https://developer.mozilla.org/en-US/docs/Learn/HTML/Tables/Structuring_planet_data)">Assessment: Structuring planet data</a></li> |
|  | </ol> |
|  | </details> |
|  | </li> |
|  | <li data-default-state=""><a href="[/en-US/docs/Learn/CSS](https://developer.mozilla.org/en-US/docs/Learn/CSS)"><strong>CSS — Styling the web</strong></a></li> |
|  | <li class="toggle"> |
|  | <details> |
|  | <summary>CSS first steps</summary> |
|  | <ol> |
|  | <li><a href="[/en-US/docs/Learn/CSS/First\_steps](https://developer.mozilla.org/en-US/docs/Learn/CSS/First_steps)">CSS first steps overview</a></li> |
|  | <li><a href="[/en-US/docs/Learn/CSS/First\_steps/What\_is\_CSS](https://developer.mozilla.org/en-US/docs/Learn/CSS/First_steps/What_is_CSS)">What is CSS?</a></li> |
|  | <li><a href="[/en-US/docs/Learn/CSS/First\_steps/Getting\_started](https://developer.mozilla.org/en-US/docs/Learn/CSS/First_steps/Getting_started)">Getting started with CSS</a></li> |
|  | <li><a href="[/en-US/docs/Learn/CSS/First\_steps/How\_CSS\_is\_structured](https://developer.mozilla.org/en-US/docs/Learn/CSS/First_steps/How_CSS_is_structured)">How CSS is structured</a></li> |
|  | <li><a href="[/en-US/docs/Learn/CSS/First\_steps/How\_CSS\_works](https://developer.mozilla.org/en-US/docs/Learn/CSS/First_steps/How_CSS_works)">How CSS works</a></li> |
|  | <li><a href="[/en-US/docs/Learn/CSS/First\_steps/Styling\_a\_biography\_page](https://developer.mozilla.org/en-US/docs/Learn/CSS/First_steps/Styling_a_biography_page)">Assessment: Styling a biography page</a></li> |
|  | </ol> |
|  | </details> |
|  | </li> |
|  | <li class="toggle"> |
|  | <details> |
|  | <summary>CSS building blocks</summary> |
|  | <ol> |
|  | <li><a href="[/en-US/docs/Learn/CSS/Building\_blocks](https://developer.mozilla.org/en-US/docs/Learn/CSS/Building_blocks)">CSS building blocks overview</a></li> |
|  | <li><a href="[/en-US/docs/Learn/CSS/Building\_blocks/Cascade\_and\_inheritance](https://developer.mozilla.org/en-US/docs/Learn/CSS/Building_blocks/Cascade_and_inheritance)">Cascade and inheritance</a></li> |
|  | <li><a href="[/en-US/docs/Learn/CSS/Building\_blocks/Selectors](https://developer.mozilla.org/en-US/docs/Learn/CSS/Building_blocks/Selectors)">CSS selectors</a></li> |
|  | <li><a href="[/en-US/docs/Learn/CSS/Building\_blocks/The\_box\_model](https://developer.mozilla.org/en-US/docs/Learn/CSS/Building_blocks/The_box_model)">The box model</a></li> |
|  | <li><a href="[/en-US/docs/Learn/CSS/Building\_blocks/Backgrounds\_and\_borders](https://developer.mozilla.org/en-US/docs/Learn/CSS/Building_blocks/Backgrounds_and_borders)">Backgrounds and borders</a></li> |
|  | <li><a href="[/en-US/docs/Learn/CSS/Building\_blocks/Handling\_different\_text\_directions](https://developer.mozilla.org/en-US/docs/Learn/CSS/Building_blocks/Handling_different_text_directions)">Handling different text directions</a></li> |
|  | <li><a href="[/en-US/docs/Learn/CSS/Building\_blocks/Overflowing\_content](https://developer.mozilla.org/en-US/docs/Learn/CSS/Building_blocks/Overflowing_content)">Overflowing content</a></li> |
|  | <li><a href="[/en-US/docs/Learn/CSS/Building\_blocks/Values\_and\_units](https://developer.mozilla.org/en-US/docs/Learn/CSS/Building_blocks/Values_and_units)">CSS values and units</a></li> |
|  | <li><a href="[/en-US/docs/Learn/CSS/Building\_blocks/Sizing\_items\_in\_CSS](https://developer.mozilla.org/en-US/docs/Learn/CSS/Building_blocks/Sizing_items_in_CSS)">Sizing items in CSS</a></li> |
|  | <li><a href="[/en-US/docs/Learn/CSS/Building\_blocks/Images\_media\_form\_elements](https://developer.mozilla.org/en-US/docs/Learn/CSS/Building_blocks/Images_media_form_elements)">Images, media, and form elements</a></li> |
|  | <li><a href="[/en-US/docs/Learn/CSS/Building\_blocks/Styling\_tables](https://developer.mozilla.org/en-US/docs/Learn/CSS/Building_blocks/Styling_tables)">Styling tables</a></li> |
|  | <li><a href="[/en-US/docs/Learn/CSS/Building\_blocks/Debugging\_CSS](https://developer.mozilla.org/en-US/docs/Learn/CSS/Building_blocks/Debugging_CSS)">Debugging CSS</a></li> |
|  | <li><a href="[/en-US/docs/Learn/CSS/Building\_blocks/Organizing](https://developer.mozilla.org/en-US/docs/Learn/CSS/Building_blocks/Organizing)">Organizing your CSS</a></li> |
|  | <li><a href="[/en-US/docs/Learn/CSS/Building\_blocks/Fundamental\_CSS\_comprehension](https://developer.mozilla.org/en-US/docs/Learn/CSS/Building_blocks/Fundamental_CSS_comprehension)">Assessment: Fundamental CSS comprehension</a></li> |
|  | <li><a href="[/en-US/docs/Learn/CSS/Building\_blocks/Creating\_fancy\_letterheaded\_paper](https://developer.mozilla.org/en-US/docs/Learn/CSS/Building_blocks/Creating_fancy_letterheaded_paper)">Assessment: Creating fancy letterheaded paper</a></li> |
|  | <li><a href="[/en-US/docs/Learn/CSS/Building\_blocks/A\_cool\_looking\_box](https://developer.mozilla.org/en-US/docs/Learn/CSS/Building_blocks/A_cool_looking_box)">Assessment: A cool-looking box</a></li> |
|  | </ol></details> |
|  | </li> |
|  | <li class="toggle"> |
|  | <details> |
|  | <summary>Styling text</summary> |
|  | <ol> |
|  | <li><a href="[/en-US/docs/Learn/CSS/Styling\_text](https://developer.mozilla.org/en-US/docs/Learn/CSS/Styling_text)">Styling text overview</a></li> |
|  | <li><a href="[/en-US/docs/Learn/CSS/Styling\_text/Fundamentals](https://developer.mozilla.org/en-US/docs/Learn/CSS/Styling_text/Fundamentals)">Fundamental text and font styling</a></li> |
|  | <li><a href="[/en-US/docs/Learn/CSS/Styling\_text/Styling\_lists](https://developer.mozilla.org/en-US/docs/Learn/CSS/Styling_text/Styling_lists)">Styling lists</a></li> |
|  | <li><a href="[/en-US/docs/Learn/CSS/Styling\_text/Styling\_links](https://developer.mozilla.org/en-US/docs/Learn/CSS/Styling_text/Styling_links)">Styling links</a></li> |
|  | <li><a href="[/en-US/docs/Learn/CSS/Styling\_text/Web\_fonts](https://developer.mozilla.org/en-US/docs/Learn/CSS/Styling_text/Web_fonts)">Web fonts</a></li> |
|  | <li><a href="[/en-US/docs/Learn/CSS/Styling\_text/Typesetting\_a\_homepage](https://developer.mozilla.org/en-US/docs/Learn/CSS/Styling_text/Typesetting_a_homepage)">Assessment: Typesetting a community school homepage</a></li> |
|  | </ol> |
|  | </details> |
|  | </li> |
|  | <li class="toggle"> |
|  | <details> |
|  | <summary>CSS layout</summary> |
|  | <ol> |
|  | <li><a href="[/en-US/docs/Learn/CSS/CSS\_layout](https://developer.mozilla.org/en-US/docs/Learn/CSS/CSS_layout)">CSS layout overview</a></li> |
|  | <li><a href="[/en-US/docs/Learn/CSS/CSS\_layout/Introduction](https://developer.mozilla.org/en-US/docs/Learn/CSS/CSS_layout/Introduction)">Introduction to CSS layout</a></li> |
|  | <li><a href="[/en-US/docs/Learn/CSS/CSS\_layout/Normal\_Flow](https://developer.mozilla.org/en-US/docs/Learn/CSS/CSS_layout/Normal_Flow)">Normal Flow</a></li> |
|  | <li><a href="[/en-US/docs/Learn/CSS/CSS\_layout/Flexbox](https://developer.mozilla.org/en-US/docs/Learn/CSS/CSS_layout/Flexbox)">Flexbox</a></li> |
|  | <li><a href="[/en-US/docs/Learn/CSS/CSS\_layout/Grids](https://developer.mozilla.org/en-US/docs/Learn/CSS/CSS_layout/Grids)">Grids</a></li> |
|  | <li><a href="[/en-US/docs/Learn/CSS/CSS\_layout/Floats](https://developer.mozilla.org/en-US/docs/Learn/CSS/CSS_layout/Floats)">Floats</a></li> |
|  | <li><a href="[/en-US/docs/Learn/CSS/CSS\_layout/Positioning](https://developer.mozilla.org/en-US/docs/Learn/CSS/CSS_layout/Positioning)">Positioning</a></li> |
|  | <li><a href="[/en-US/docs/Learn/CSS/CSS\_layout/Multiple-column\_Layout](https://developer.mozilla.org/en-US/docs/Learn/CSS/CSS_layout/Multiple-column_Layout)">Multiple-column layout</a></li> |
|  | <li><a href="[/en-US/docs/Learn/CSS/CSS\_layout/Responsive\_Design](https://developer.mozilla.org/en-US/docs/Learn/CSS/CSS_layout/Responsive_Design)">Responsive design</a></li> |
|  | <li><a href="[/en-US/docs/Learn/CSS/CSS\_layout/Media\_queries](https://developer.mozilla.org/en-US/docs/Learn/CSS/CSS_layout/Media_queries)">Beginner's guide to media queries</a></li> |
|  | <li><a href="[/en-US/docs/Learn/CSS/CSS\_layout/Legacy\_Layout\_Methods](https://developer.mozilla.org/en-US/docs/Learn/CSS/CSS_layout/Legacy_Layout_Methods)">Legacy layout methods</a></li> |
|  | <li><a href="[/en-US/docs/Learn/CSS/CSS\_layout/Supporting\_Older\_Browsers](https://developer.mozilla.org/en-US/docs/Learn/CSS/CSS_layout/Supporting_Older_Browsers)">Supporting older browsers</a></li> |
|  | <li><a href="[/en-US/docs/Learn/CSS/CSS\_layout/Fundamental\_Layout\_Comprehension](https://developer.mozilla.org/en-US/docs/Learn/CSS/CSS_layout/Fundamental_Layout_Comprehension)">Assessment: Fundamental layout comprehension</a></li> |
|  | </ol> |
|  | </details> |
|  | </li> |
|  | <li data-default-state=""><a href="[/en-US/docs/Learn/JavaScript](https://developer.mozilla.org/en-US/docs/Learn/JavaScript)"><strong>JavaScript — Dynamic client-side scripting</strong></a></li> |
|  | <li class="toggle"> |
|  | <details> |
|  | <summary>JavaScript first steps</summary> |
|  | <ol> |
|  | <li><a href="[/en-US/docs/Learn/JavaScript/First\_steps](https://developer.mozilla.org/en-US/docs/Learn/JavaScript/First_steps)">JavaScript first steps overview</a></li> |
|  | <li><a href="[/en-US/docs/Learn/JavaScript/First\_steps/What\_is\_JavaScript](https://developer.mozilla.org/en-US/docs/Learn/JavaScript/First_steps/What_is_JavaScript)">What is JavaScript?</a></li> |
|  | <li><a href="[/en-US/docs/Learn/JavaScript/First\_steps/A\_first\_splash](https://developer.mozilla.org/en-US/docs/Learn/JavaScript/First_steps/A_first_splash)">A first splash into JavaScript</a></li> |
|  | <li><a href="[/en-US/docs/Learn/JavaScript/First\_steps/What\_went\_wrong](https://developer.mozilla.org/en-US/docs/Learn/JavaScript/First_steps/What_went_wrong)">What went wrong? Troubleshooting JavaScript</a></li> |
|  | <li><a href="[/en-US/docs/Learn/JavaScript/First\_steps/Variables](https://developer.mozilla.org/en-US/docs/Learn/JavaScript/First_steps/Variables)">Storing the information you need — Variables</a></li> |
|  | <li><a href="[/en-US/docs/Learn/JavaScript/First\_steps/Math](https://developer.mozilla.org/en-US/docs/Learn/JavaScript/First_steps/Math)">Basic math in JavaScript — Numbers and operators</a></li> |
|  | <li><a href="[/en-US/docs/Learn/JavaScript/First\_steps/Strings](https://developer.mozilla.org/en-US/docs/Learn/JavaScript/First_steps/Strings)">Handling text — Strings in JavaScript</a></li> |
|  | <li><a href="[/en-US/docs/Learn/JavaScript/First\_steps/Useful\_string\_methods](https://developer.mozilla.org/en-US/docs/Learn/JavaScript/First_steps/Useful_string_methods)">Useful string methods</a></li> |
|  | <li><a href="[/en-US/docs/Learn/JavaScript/First\_steps/Arrays](https://developer.mozilla.org/en-US/docs/Learn/JavaScript/First_steps/Arrays)">Arrays</a></li> |
|  | <li><a href="[/en-US/docs/Learn/JavaScript/First\_steps/Silly\_story\_generator](https://developer.mozilla.org/en-US/docs/Learn/JavaScript/First_steps/Silly_story_generator)">Assessment: Silly story generator</a></li> |
|  | </ol> |
|  | </details> |
|  | </li> |
|  | <li class="toggle"> |
|  | <details> |
|  | <summary>JavaScript building blocks</summary> |
|  | <ol> |
|  | <li><a href="[/en-US/docs/Learn/JavaScript/Building\_blocks](https://developer.mozilla.org/en-US/docs/Learn/JavaScript/Building_blocks)">JavaScript building blocks overview</a></li> |
|  | <li><a href="[/en-US/docs/Learn/JavaScript/Building\_blocks/conditionals](https://developer.mozilla.org/en-US/docs/Learn/JavaScript/Building_blocks/conditionals)">Making decisions in your code — Conditionals</a></li> |
|  | <li><a href="[/en-US/docs/Learn/JavaScript/Building\_blocks/Looping\_code](https://developer.mozilla.org/en-US/docs/Learn/JavaScript/Building_blocks/Looping_code)">Looping code</a></li> |
|  | <li><a href="[/en-US/docs/Learn/JavaScript/Building\_blocks/Functions](https://developer.mozilla.org/en-US/docs/Learn/JavaScript/Building_blocks/Functions)">Functions — Reusable blocks of code</a></li> |
|  | <li><a href="[/en-US/docs/Learn/JavaScript/Building\_blocks/Build\_your\_own\_function](https://developer.mozilla.org/en-US/docs/Learn/JavaScript/Building_blocks/Build_your_own_function)">Build your own function</a></li> |
|  | <li><a href="[/en-US/docs/Learn/JavaScript/Building\_blocks/Return\_values](https://developer.mozilla.org/en-US/docs/Learn/JavaScript/Building_blocks/Return_values)">Function return values</a></li> |
|  | <li><a href="[/en-US/docs/Learn/JavaScript/Building\_blocks/Events](https://developer.mozilla.org/en-US/docs/Learn/JavaScript/Building_blocks/Events)">Introduction to events</a></li> |
|  | <li><a href="[/en-US/docs/Learn/JavaScript/Building\_blocks/Image\_gallery](https://developer.mozilla.org/en-US/docs/Learn/JavaScript/Building_blocks/Image_gallery)">Assessment: Image gallery</a></li> |
|  | </ol> |
|  | </details> |
|  | </li> |
|  | <li class="toggle"> |
|  | <details> |
|  | <summary>Introducing JavaScript objects</summary> |
|  | <ol> |
|  | <li><a href="[/en-US/docs/Learn/JavaScript/Objects](https://developer.mozilla.org/en-US/docs/Learn/JavaScript/Objects)">Introducing JavaScript objects overview</a></li> |
|  | <li><a href="[/en-US/docs/Learn/JavaScript/Objects/Basics](https://developer.mozilla.org/en-US/docs/Learn/JavaScript/Objects/Basics)">Object basics</a></li> |
|  | <li><a href="[/en-US/docs/Learn/JavaScript/Objects/Object\_prototypes](https://developer.mozilla.org/en-US/docs/Learn/JavaScript/Objects/Object_prototypes)">Object prototypes</a></li> |
|  | <li><a href="[/en-US/docs/Learn/JavaScript/Objects/Object-oriented\_programming](https://developer.mozilla.org/en-US/docs/Learn/JavaScript/Objects/Object-oriented_programming)">Object-oriented programming concepts</a></li> |
|  | <li><a href="[/en-US/docs/Learn/JavaScript/Objects/Classes\_in\_JavaScript](https://developer.mozilla.org/en-US/docs/Learn/JavaScript/Objects/Classes_in_JavaScript)">Classes in JavaScript</a></li> |
|  | <li><a href="[/en-US/docs/Learn/JavaScript/Objects/JSON](https://developer.mozilla.org/en-US/docs/Learn/JavaScript/Objects/JSON)">Working with JSON data</a></li> |
|  | <li><a href="[/en-US/docs/Learn/JavaScript/Objects/Object\_building\_practice](https://developer.mozilla.org/en-US/docs/Learn/JavaScript/Objects/Object_building_practice)">Object building practice</a></li> |
|  | <li><a href="[/en-US/docs/Learn/JavaScript/Objects/Adding\_bouncing\_balls\_features](https://developer.mozilla.org/en-US/docs/Learn/JavaScript/Objects/Adding_bouncing_balls_features)">Assessment: Adding features to our bouncing balls demo</a></li> |
|  | </ol> |
|  | </details> |
|  | </li> |
|  | <li class="toggle"> |
|  | <details> |
|  | <summary>Asynchronous JavaScript</summary> |
|  | <ol> |
|  | <li><a href="[/en-US/docs/Learn/JavaScript/Asynchronous](https://developer.mozilla.org/en-US/docs/Learn/JavaScript/Asynchronous)">Asynchronous JavaScript overview</a></li> |
|  | <li><a href="[/en-US/docs/Learn/JavaScript/Asynchronous/Introducing](https://developer.mozilla.org/en-US/docs/Learn/JavaScript/Asynchronous/Introducing)">Introducing asynchronous JavaScript</a></li> |
|  | <li><a href="[/en-US/docs/Learn/JavaScript/Asynchronous/Promises](https://developer.mozilla.org/en-US/docs/Learn/JavaScript/Asynchronous/Promises)">How to use promises</a></li> |
|  | <li><a href="[/en-US/docs/Learn/JavaScript/Asynchronous/Implementing\_a\_promise-based\_API](https://developer.mozilla.org/en-US/docs/Learn/JavaScript/Asynchronous/Implementing_a_promise-based_API)">Implementing a promise-based API</a></li> |
|  | <li><a href="[/en-US/docs/Learn/JavaScript/Asynchronous/Introducing\_workers](https://developer.mozilla.org/en-US/docs/Learn/JavaScript/Asynchronous/Introducing_workers)">Introducing workers</a></li> |
|  | <li><a href="[/en-US/docs/Learn/JavaScript/Asynchronous/Sequencing\_animations](https://developer.mozilla.org/en-US/docs/Learn/JavaScript/Asynchronous/Sequencing_animations)">Assessment: sequencing animations</a></li> |
|  | </ol> |
|  | </details> |
|  | </li> |
|  | <li class="toggle"> |
|  | <details> |
|  | <summary>Client-side web APIs</summary> |
|  | <ol> |
|  | <li><a href="[/en-US/docs/Learn/JavaScript/Client-side\_web\_APIs](https://developer.mozilla.org/en-US/docs/Learn/JavaScript/Client-side_web_APIs)">Client-side web APIs</a></li> |
|  | <li><a href="[/en-US/docs/Learn/JavaScript/Client-side\_web\_APIs/Introduction](https://developer.mozilla.org/en-US/docs/Learn/JavaScript/Client-side_web_APIs/Introduction)">Introduction to web APIs</a></li> |
|  | <li><a href="[/en-US/docs/Learn/JavaScript/Client-side\_web\_APIs/Manipulating\_documents](https://developer.mozilla.org/en-US/docs/Learn/JavaScript/Client-side_web_APIs/Manipulating_documents)">Manipulating documents</a></li> |
|  | <li><a href="[/en-US/docs/Learn/JavaScript/Client-side\_web\_APIs/Fetching\_data](https://developer.mozilla.org/en-US/docs/Learn/JavaScript/Client-side_web_APIs/Fetching_data)">Fetching data from the server</a></li> |
|  | <li><a href="[/en-US/docs/Learn/JavaScript/Client-side\_web\_APIs/Third\_party\_APIs](https://developer.mozilla.org/en-US/docs/Learn/JavaScript/Client-side_web_APIs/Third_party_APIs)">Third party APIs</a></li> |
|  | <li><a href="[/en-US/docs/Learn/JavaScript/Client-side\_web\_APIs/Drawing\_graphics](https://developer.mozilla.org/en-US/docs/Learn/JavaScript/Client-side_web_APIs/Drawing_graphics)">Drawing graphics</a></li> |
|  | <li><a href="[/en-US/docs/Learn/JavaScript/Client-side\_web\_APIs/Video\_and\_audio\_APIs](https://developer.mozilla.org/en-US/docs/Learn/JavaScript/Client-side_web_APIs/Video_and_audio_APIs)">Video and audio APIs</a></li> |
|  | <li><a href="[/en-US/docs/Learn/JavaScript/Client-side\_web\_APIs/Client-side\_storage](https://developer.mozilla.org/en-US/docs/Learn/JavaScript/Client-side_web_APIs/Client-side_storage)">Client-side storage</a></li> |
|  | </ol> |
|  | </details> |
|  | </li> |
|  | <li><a href="[/en-US/docs/Learn/Forms](https://developer.mozilla.org/en-US/docs/Learn/Forms)"><strong>Web forms — Working with user data</strong></a></li> |
|  | <li class="toggle"> |
|  | <details> |
|  | <summary>Core forms learning pathway</summary> |
|  | <ol> |
|  | <li><a href="[/en-US/docs/Learn/Forms](https://developer.mozilla.org/en-US/docs/Learn/Forms)">Web forms overview</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Forms/Your\_first\_form](https://developer.mozilla.org/en-US/docs/Learn/Forms/Your_first_form)">Your first form</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Forms/How\_to\_structure\_a\_web\_form](https://developer.mozilla.org/en-US/docs/Learn/Forms/How_to_structure_a_web_form)">How to structure a web form</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Forms/Basic\_native\_form\_controls](https://developer.mozilla.org/en-US/docs/Learn/Forms/Basic_native_form_controls)">Basic native form controls</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Forms/HTML5\_input\_types](https://developer.mozilla.org/en-US/docs/Learn/Forms/HTML5_input_types)">The HTML5 input types</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Forms/Other\_form\_controls](https://developer.mozilla.org/en-US/docs/Learn/Forms/Other_form_controls)">Other form controls</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Forms/Styling\_web\_forms](https://developer.mozilla.org/en-US/docs/Learn/Forms/Styling_web_forms)">Styling web forms</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Forms/Advanced\_form\_styling](https://developer.mozilla.org/en-US/docs/Learn/Forms/Advanced_form_styling)">Advanced form styling</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Forms/UI\_pseudo-classes](https://developer.mozilla.org/en-US/docs/Learn/Forms/UI_pseudo-classes)">UI pseudo-classes</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Forms/Form\_validation](https://developer.mozilla.org/en-US/docs/Learn/Forms/Form_validation)">Client-side form validation</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Forms/Sending\_and\_retrieving\_form\_data](https://developer.mozilla.org/en-US/docs/Learn/Forms/Sending_and_retrieving_form_data)">Sending form data</a></li> |
|  | </ol> |
|  | </details> |
|  | </li> |
|  | <li class="toggle"> |
|  | <details> |
|  | <summary>Advanced forms articles</summary> |
|  | <ol> |
|  | <li><a href="[/en-US/docs/Learn/Forms/How\_to\_build\_custom\_form\_controls](https://developer.mozilla.org/en-US/docs/Learn/Forms/How_to_build_custom_form_controls)">How to build custom form controls</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Forms/Sending\_forms\_through\_JavaScript](https://developer.mozilla.org/en-US/docs/Learn/Forms/Sending_forms_through_JavaScript)">Sending forms through JavaScript</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Forms/Property\_compatibility\_table\_for\_form\_controls](https://developer.mozilla.org/en-US/docs/Learn/Forms/Property_compatibility_table_for_form_controls)">CSS property compatibility table for form controls</a></li> |
|  | </ol> |
|  | </details> |
|  | </li> |
|  | <li><a href="[/en-US/docs/Learn/Accessibility](https://developer.mozilla.org/en-US/docs/Learn/Accessibility)"><strong>Accessibility — Make the web usable by everyone</strong></a></li> |
|  | <li class="toggle"> |
|  | <details> |
|  | <summary>Accessibility guides</summary> |
|  | <ol> |
|  | <li><a href="[/en-US/docs/Learn/Accessibility](https://developer.mozilla.org/en-US/docs/Learn/Accessibility)">Accessibility overview</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Accessibility/What\_is\_accessibility](https://developer.mozilla.org/en-US/docs/Learn/Accessibility/What_is_accessibility)">What is accessibility?</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Accessibility/HTML](https://developer.mozilla.org/en-US/docs/Learn/Accessibility/HTML)">HTML: A good basis for accessibility</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Accessibility/CSS\_and\_JavaScript](https://developer.mozilla.org/en-US/docs/Learn/Accessibility/CSS_and_JavaScript)">CSS and JavaScript accessibility best practices</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Accessibility/WAI-ARIA\_basics](https://developer.mozilla.org/en-US/docs/Learn/Accessibility/WAI-ARIA_basics)">WAI-ARIA basics</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Accessibility/Multimedia](https://developer.mozilla.org/en-US/docs/Learn/Accessibility/Multimedia)">Accessible multimedia</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Accessibility/Mobile](https://developer.mozilla.org/en-US/docs/Learn/Accessibility/Mobile)">Mobile accessibility</a></li> |
|  | </ol> |
|  | </details> |
|  | </li> |
|  | <li class="toggle"> |
|  | <details> |
|  | <summary>Accessibility assessment</summary> |
|  | <ol> |
|  | <li><a href="[/en-US/docs/Learn/Accessibility/Accessibility\_troubleshooting](https://developer.mozilla.org/en-US/docs/Learn/Accessibility/Accessibility_troubleshooting)">Assessment: Accessibility troubleshooting</a></li> |
|  | </ol> |
|  | </details> |
|  | </li> |
|  | <li><a href="[/en-US/docs/Learn/Tools\_and\_testing](https://developer.mozilla.org/en-US/docs/Learn/Tools_and_testing)"><strong>Tools and testing</strong></a></li> |
|  | <li class="toggle"> |
|  | <details> |
|  | <summary>Client-side web development tools</summary> |
|  | <ol> |
|  | <li><a href="[/en-US/docs/Learn/Tools\_and\_testing/Understanding\_client-side\_tools](https://developer.mozilla.org/en-US/docs/Learn/Tools_and_testing/Understanding_client-side_tools)">Client-side web development tools index</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Tools\_and\_testing/Understanding\_client-side\_tools/Overview](https://developer.mozilla.org/en-US/docs/Learn/Tools_and_testing/Understanding_client-side_tools/Overview)">Client-side tooling overview</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Tools\_and\_testing/Understanding\_client-side\_tools/Command\_line](https://developer.mozilla.org/en-US/docs/Learn/Tools_and_testing/Understanding_client-side_tools/Command_line)">Command line crash course</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Tools\_and\_testing/Understanding\_client-side\_tools/Package\_management](https://developer.mozilla.org/en-US/docs/Learn/Tools_and_testing/Understanding_client-side_tools/Package_management)">Package management basics</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Tools\_and\_testing/Understanding\_client-side\_tools/Introducing\_complete\_toolchain](https://developer.mozilla.org/en-US/docs/Learn/Tools_and_testing/Understanding_client-side_tools/Introducing_complete_toolchain)">Introducing a complete toolchain</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Tools\_and\_testing/Understanding\_client-side\_tools/Deployment](https://developer.mozilla.org/en-US/docs/Learn/Tools_and_testing/Understanding_client-side_tools/Deployment)">Deploying our app</a></li> |
|  | </ol> |
|  | </details> |
|  | </li> |
|  | <li class="toggle"> |
|  | <details> |
|  | <summary>Introduction to client-side frameworks</summary> |
|  | <ol> |
|  | <li><a href="[/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Introduction](https://developer.mozilla.org/en-US/docs/Learn/Tools_and_testing/Client-side_JavaScript_frameworks/Introduction)">Client-side frameworks overview</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Main\_features](https://developer.mozilla.org/en-US/docs/Learn/Tools_and_testing/Client-side_JavaScript_frameworks/Main_features)">Framework main features</a></li> |
|  | </ol> |
|  | </details> |
|  | </li> |
|  | <li class="toggle"> |
|  | <details> |
|  | <summary>React</summary> |
|  | <ol> |
|  | <li><a href="[/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/React\_getting\_started](https://developer.mozilla.org/en-US/docs/Learn/Tools_and_testing/Client-side_JavaScript_frameworks/React_getting_started)">Getting started with React</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/React\_todo\_list\_beginning](https://developer.mozilla.org/en-US/docs/Learn/Tools_and_testing/Client-side_JavaScript_frameworks/React_todo_list_beginning)">Beginning our React todo list</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/React\_components](https://developer.mozilla.org/en-US/docs/Learn/Tools_and_testing/Client-side_JavaScript_frameworks/React_components)">Componentizing our React app</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/React\_interactivity\_events\_state](https://developer.mozilla.org/en-US/docs/Learn/Tools_and_testing/Client-side_JavaScript_frameworks/React_interactivity_events_state)">React interactivity: Events and state</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/React\_interactivity\_filtering\_conditional\_rendering](https://developer.mozilla.org/en-US/docs/Learn/Tools_and_testing/Client-side_JavaScript_frameworks/React_interactivity_filtering_conditional_rendering)">React interactivity: Editing, filtering, conditional rendering</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/React\_accessibility](https://developer.mozilla.org/en-US/docs/Learn/Tools_and_testing/Client-side_JavaScript_frameworks/React_accessibility)">Accessibility in React</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/React\_resources](https://developer.mozilla.org/en-US/docs/Learn/Tools_and_testing/Client-side_JavaScript_frameworks/React_resources)">React resources</a></li> |
|  | </ol> |
|  | </details> |
|  | </li> |
|  | <li class="toggle"> |
|  | <details> |
|  | <summary>Ember</summary> |
|  | <ol> |
|  | <li><a href="[/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Ember\_getting\_started](https://developer.mozilla.org/en-US/docs/Learn/Tools_and_testing/Client-side_JavaScript_frameworks/Ember_getting_started)">Getting started with Ember</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Ember\_structure\_componentization](https://developer.mozilla.org/en-US/docs/Learn/Tools_and_testing/Client-side_JavaScript_frameworks/Ember_structure_componentization)">Ember app structure and componentization</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Ember\_interactivity\_events\_state](https://developer.mozilla.org/en-US/docs/Learn/Tools_and_testing/Client-side_JavaScript_frameworks/Ember_interactivity_events_state)">Ember interactivity: Events, classes and state</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Ember\_conditional\_footer](https://developer.mozilla.org/en-US/docs/Learn/Tools_and_testing/Client-side_JavaScript_frameworks/Ember_conditional_footer)">Ember Interactivity: Footer functionality, conditional rendering</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Ember\_routing](https://developer.mozilla.org/en-US/docs/Learn/Tools_and_testing/Client-side_JavaScript_frameworks/Ember_routing)">Routing in Ember</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Ember\_resources](https://developer.mozilla.org/en-US/docs/Learn/Tools_and_testing/Client-side_JavaScript_frameworks/Ember_resources)">Ember resources and troubleshooting</a></li> |
|  | </ol> |
|  | </details> |
|  | </li> |
|  | <li class="toggle"> |
|  | <details> |
|  | <summary>Vue</summary> |
|  | <ol> |
|  | <li><a href="[/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Vue\_getting\_started](https://developer.mozilla.org/en-US/docs/Learn/Tools_and_testing/Client-side_JavaScript_frameworks/Vue_getting_started)">Getting started with Vue</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Vue\_first\_component](https://developer.mozilla.org/en-US/docs/Learn/Tools_and_testing/Client-side_JavaScript_frameworks/Vue_first_component)">Creating our first Vue component</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Vue\_rendering\_lists](https://developer.mozilla.org/en-US/docs/Learn/Tools_and_testing/Client-side_JavaScript_frameworks/Vue_rendering_lists)">Rendering a list of Vue components</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Vue\_methods\_events\_models](https://developer.mozilla.org/en-US/docs/Learn/Tools_and_testing/Client-side_JavaScript_frameworks/Vue_methods_events_models)">Adding a new todo form: Vue events, methods, and models</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Vue\_styling](https://developer.mozilla.org/en-US/docs/Learn/Tools_and_testing/Client-side_JavaScript_frameworks/Vue_styling)">Styling Vue components with CSS</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Vue\_computed\_properties](https://developer.mozilla.org/en-US/docs/Learn/Tools_and_testing/Client-side_JavaScript_frameworks/Vue_computed_properties)">Using Vue computed properties</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Vue\_conditional\_rendering](https://developer.mozilla.org/en-US/docs/Learn/Tools_and_testing/Client-side_JavaScript_frameworks/Vue_conditional_rendering) ">Vue conditional rendering: editing existing todos</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Vue\_refs\_focus\_management](https://developer.mozilla.org/en-US/docs/Learn/Tools_and_testing/Client-side_JavaScript_frameworks/Vue_refs_focus_management)">Focus management with Vue refs</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Vue\_resources](https://developer.mozilla.org/en-US/docs/Learn/Tools_and_testing/Client-side_JavaScript_frameworks/Vue_resources)">Vue resources</a></li> |
|  | </ol> |
|  | </details> |
|  | </li> |
|  | <li class="toggle"> |
|  | <details> |
|  | <summary>Svelte</summary> |
|  | <ol> |
|  | <li><a href="[/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Svelte\_getting\_started](https://developer.mozilla.org/en-US/docs/Learn/Tools_and_testing/Client-side_JavaScript_frameworks/Svelte_getting_started)">Getting started with Svelte</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Svelte\_Todo\_list\_beginning](https://developer.mozilla.org/en-US/docs/Learn/Tools_and_testing/Client-side_JavaScript_frameworks/Svelte_Todo_list_beginning)">Starting our Svelte Todo list app</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Svelte\_variables\_props](https://developer.mozilla.org/en-US/docs/Learn/Tools_and_testing/Client-side_JavaScript_frameworks/Svelte_variables_props)">Dynamic behavior in Svelte: working with variables and props</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Svelte\_components](https://developer.mozilla.org/en-US/docs/Learn/Tools_and_testing/Client-side_JavaScript_frameworks/Svelte_components)">Componentizing our Svelte app</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Svelte\_reactivity\_lifecycle\_accessibility](https://developer.mozilla.org/en-US/docs/Learn/Tools_and_testing/Client-side_JavaScript_frameworks/Svelte_reactivity_lifecycle_accessibility)">Advanced Svelte: Reactivity, lifecycle, accessibility</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Svelte\_stores](https://developer.mozilla.org/en-US/docs/Learn/Tools_and_testing/Client-side_JavaScript_frameworks/Svelte_stores)">Working with Svelte stores</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Svelte\_TypeScript](https://developer.mozilla.org/en-US/docs/Learn/Tools_and_testing/Client-side_JavaScript_frameworks/Svelte_TypeScript) ">TypeScript support in Svelte</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Svelte\_deployment\_next](https://developer.mozilla.org/en-US/docs/Learn/Tools_and_testing/Client-side_JavaScript_frameworks/Svelte_deployment_next)">Deployment and next steps</a></li> |
|  | </ol> |
|  | </details> |
|  | </li> |
|  | <li class="toggle"> |
|  | <details> |
|  | <summary>Angular</summary> |
|  | <ol> |
|  | <li><a href="[/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Angular\_getting\_started](https://developer.mozilla.org/en-US/docs/Learn/Tools_and_testing/Client-side_JavaScript_frameworks/Angular_getting_started)">Getting started with Angular</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Angular\_todo\_list\_beginning](https://developer.mozilla.org/en-US/docs/Learn/Tools_and_testing/Client-side_JavaScript_frameworks/Angular_todo_list_beginning)">Beginning our Angular todo list app</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Angular\_styling](https://developer.mozilla.org/en-US/docs/Learn/Tools_and_testing/Client-side_JavaScript_frameworks/Angular_styling)">Styling our Angular app</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Angular\_item\_component](https://developer.mozilla.org/en-US/docs/Learn/Tools_and_testing/Client-side_JavaScript_frameworks/Angular_item_component)">Creating an item component</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Angular\_filtering](https://developer.mozilla.org/en-US/docs/Learn/Tools_and_testing/Client-side_JavaScript_frameworks/Angular_filtering)">Filtering our to-do items</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Angular\_building](https://developer.mozilla.org/en-US/docs/Learn/Tools_and_testing/Client-side_JavaScript_frameworks/Angular_building)">Building Angular applications and further resources</a></li> |
|  | </ol> |
|  | </details> |
|  | </li> |
|  | <li class="toggle"> |
|  | <details> |
|  | <summary>Git and GitHub</summary> |
|  | <ol> |
|  | <li><a href="[/en-US/docs/Learn/Tools\_and\_testing/GitHub](https://developer.mozilla.org/en-US/docs/Learn/Tools_and_testing/GitHub)">Git and GitHub overview</a></li> |
|  | <li><a href="<https://guides.github.com/activities/hello-world/>">Hello World</a></li> |
|  | <li><a href="<https://guides.github.com/introduction/git-handbook/>">Git Handbook</a></li> |
|  | <li><a href="<https://guides.github.com/activities/forking/>">Forking Projects</a></li> |
|  | <li><a href="<https://help.github.com/en/github/collaborating-with-issues-and-pull-requests/about-pull-requests>">About pull requests</a></li> |
|  | <li><a href="<https://guides.github.com/features/issues/>">Mastering Issues</a></li> |
|  | </ol> |
|  | </details> |
|  | </li> |
|  | <li class="toggle"> |
|  | <details> |
|  | <summary>Cross browser testing</summary> |
|  | <ol> |
|  | <li><a href="[/en-US/docs/Learn/Tools\_and\_testing/Cross\_browser\_testing](https://developer.mozilla.org/en-US/docs/Learn/Tools_and_testing/Cross_browser_testing)">Cross browser testing overview</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Tools\_and\_testing/Cross\_browser\_testing/Introduction](https://developer.mozilla.org/en-US/docs/Learn/Tools_and_testing/Cross_browser_testing/Introduction)">Introduction to cross browser testing</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Tools\_and\_testing/Cross\_browser\_testing/Testing\_strategies](https://developer.mozilla.org/en-US/docs/Learn/Tools_and_testing/Cross_browser_testing/Testing_strategies)">Strategies for carrying out testing</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Tools\_and\_testing/Cross\_browser\_testing/HTML\_and\_CSS](https://developer.mozilla.org/en-US/docs/Learn/Tools_and_testing/Cross_browser_testing/HTML_and_CSS)">Handling common HTML and CSS problems</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Tools\_and\_testing/Cross\_browser\_testing/JavaScript](https://developer.mozilla.org/en-US/docs/Learn/Tools_and_testing/Cross_browser_testing/JavaScript)">Handling common JavaScript problems</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Tools\_and\_testing/Cross\_browser\_testing/Accessibility](https://developer.mozilla.org/en-US/docs/Learn/Tools_and_testing/Cross_browser_testing/Accessibility)">Handling common accessibility problems</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Tools\_and\_testing/Cross\_browser\_testing/Feature\_detection](https://developer.mozilla.org/en-US/docs/Learn/Tools_and_testing/Cross_browser_testing/Feature_detection)">Implementing feature detection</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Tools\_and\_testing/Cross\_browser\_testing/Automated\_testing](https://developer.mozilla.org/en-US/docs/Learn/Tools_and_testing/Cross_browser_testing/Automated_testing)">Introduction to automated testing</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Tools\_and\_testing/Cross\_browser\_testing/Your\_own\_automation\_environment](https://developer.mozilla.org/en-US/docs/Learn/Tools_and_testing/Cross_browser_testing/Your_own_automation_environment)">Setting up your own test automation environment</a></li> |
|  | </ol> |
|  | </details> |
|  | </li> |
|  | <li data-default-state=""><a href="[/en-US/docs/Learn/Server-side](https://developer.mozilla.org/en-US/docs/Learn/Server-side)"><strong>Server-side website programming</strong></a></li> |
|  | <li class="toggle"> |
|  | <details> |
|  | <summary>First steps</summary> |
|  | <ol> |
|  | <li><a href="[/en-US/docs/Learn/Server-side/First\_steps](https://developer.mozilla.org/en-US/docs/Learn/Server-side/First_steps)">First steps overview</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Server-side/First\_steps/Introduction](https://developer.mozilla.org/en-US/docs/Learn/Server-side/First_steps/Introduction)">Introduction to the server-side</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Server-side/First\_steps/Client-Server\_overview](https://developer.mozilla.org/en-US/docs/Learn/Server-side/First_steps/Client-Server_overview)">Client-Server overview</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Server-side/First\_steps/Web\_frameworks](https://developer.mozilla.org/en-US/docs/Learn/Server-side/First_steps/Web_frameworks)">Server-side web frameworks</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Server-side/First\_steps/Website\_security](https://developer.mozilla.org/en-US/docs/Learn/Server-side/First_steps/Website_security)">Website security</a></li> |
|  | </ol> |
|  | </details> |
|  | </li> |
|  | <li class="toggle"> |
|  | <details> |
|  | <summary>Django web framework (Python)</summary> |
|  | <ol> |
|  | <li><a href="[/en-US/docs/Learn/Server-side/Django](https://developer.mozilla.org/en-US/docs/Learn/Server-side/Django)">Django web framework (Python) overview</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Server-side/Django/Introduction](https://developer.mozilla.org/en-US/docs/Learn/Server-side/Django/Introduction)">Introduction</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Server-side/Django/development\_environment](https://developer.mozilla.org/en-US/docs/Learn/Server-side/Django/development_environment)">Setting up a development environment</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Server-side/Django/Tutorial\_local\_library\_website](https://developer.mozilla.org/en-US/docs/Learn/Server-side/Django/Tutorial_local_library_website)">Tutorial: The Local Library website</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Server-side/Django/skeleton\_website](https://developer.mozilla.org/en-US/docs/Learn/Server-side/Django/skeleton_website)">Tutorial Part 2: Creating a skeleton website</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Server-side/Django/Models](https://developer.mozilla.org/en-US/docs/Learn/Server-side/Django/Models)">Tutorial Part 3: Using models</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Server-side/Django/Admin\_site](https://developer.mozilla.org/en-US/docs/Learn/Server-side/Django/Admin_site)">Tutorial Part 4: Django admin site</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Server-side/Django/Home\_page](https://developer.mozilla.org/en-US/docs/Learn/Server-side/Django/Home_page)">Tutorial Part 5: Creating our home page</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Server-side/Django/Generic\_views](https://developer.mozilla.org/en-US/docs/Learn/Server-side/Django/Generic_views)">Tutorial Part 6: Generic list and detail views</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Server-side/Django/Sessions](https://developer.mozilla.org/en-US/docs/Learn/Server-side/Django/Sessions)">Tutorial Part 7: Sessions framework</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Server-side/Django/Authentication](https://developer.mozilla.org/en-US/docs/Learn/Server-side/Django/Authentication)">Tutorial Part 8: User authentication and permissions</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Server-side/Django/Forms](https://developer.mozilla.org/en-US/docs/Learn/Server-side/Django/Forms)">Tutorial Part 9: Working with forms</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Server-side/Django/Testing](https://developer.mozilla.org/en-US/docs/Learn/Server-side/Django/Testing)">Tutorial Part 10: Testing a Django web application</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Server-side/Django/Deployment](https://developer.mozilla.org/en-US/docs/Learn/Server-side/Django/Deployment)">Tutorial Part 11: Deploying Django to production</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Server-side/Django/web\_application\_security](https://developer.mozilla.org/en-US/docs/Learn/Server-side/Django/web_application_security)">Web application security</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Server-side/Django/django\_assessment\_blog](https://developer.mozilla.org/en-US/docs/Learn/Server-side/Django/django_assessment_blog)">Assessment: DIY mini blog</a></li> |
|  | </ol> |
|  | </details> |
|  | </li> |
|  | <li class="toggle"> |
|  | <details> |
|  | <summary>Express Web Framework (node.js/JavaScript)</summary> |
|  | <ol> |
|  | <li><a href="[/en-US/docs/Learn/Server-side/Express\_Nodejs](https://developer.mozilla.org/en-US/docs/Learn/Server-side/Express_Nodejs)">Express Web Framework (Node.js/JavaScript) overview</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Server-side/Express\_Nodejs/Introduction](https://developer.mozilla.org/en-US/docs/Learn/Server-side/Express_Nodejs/Introduction)">Express/Node introduction</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Server-side/Express\_Nodejs/development\_environment](https://developer.mozilla.org/en-US/docs/Learn/Server-side/Express_Nodejs/development_environment)">Setting up a Node (Express) development environment</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Server-side/Express\_Nodejs/Tutorial\_local\_library\_website](https://developer.mozilla.org/en-US/docs/Learn/Server-side/Express_Nodejs/Tutorial_local_library_website)">Express tutorial: The Local Library website</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Server-side/Express\_Nodejs/skeleton\_website](https://developer.mozilla.org/en-US/docs/Learn/Server-side/Express_Nodejs/skeleton_website)">Express Tutorial Part 2: Creating a skeleton website</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Server-side/Express\_Nodejs/mongoose](https://developer.mozilla.org/en-US/docs/Learn/Server-side/Express_Nodejs/mongoose)">Express Tutorial Part 3: Using a database (with Mongoose)</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Server-side/Express\_Nodejs/routes](https://developer.mozilla.org/en-US/docs/Learn/Server-side/Express_Nodejs/routes)">Express Tutorial Part 4: Routes and controllers</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Server-side/Express\_Nodejs/Displaying\_data](https://developer.mozilla.org/en-US/docs/Learn/Server-side/Express_Nodejs/Displaying_data)">Express Tutorial Part 5: Displaying library data</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Server-side/Express\_Nodejs/forms](https://developer.mozilla.org/en-US/docs/Learn/Server-side/Express_Nodejs/forms)">Express Tutorial Part 6: Working with forms</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Server-side/Express\_Nodejs/deployment](https://developer.mozilla.org/en-US/docs/Learn/Server-side/Express_Nodejs/deployment)">Express Tutorial Part 7: Deploying to production</a></li> |
|  | </ol> |
|  | </details> |
|  | </li> |
|  | <li><a href="[#](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks)"><strong>Further resources</strong></a></li> |
|  | <li class="toggle"> |
|  | <details> |
|  | <summary>Common questions</summary> |
|  | <ol> |
|  | <li><a href="[/en-US/docs/Learn/HTML/Howto](https://developer.mozilla.org/en-US/docs/Learn/HTML/Howto)">HTML questions</a></li> |
|  | <li><a href="[/en-US/docs/Learn/CSS/Howto](https://developer.mozilla.org/en-US/docs/Learn/CSS/Howto)">CSS questions</a></li> |
|  | <li><a href="[/en-US/docs/Learn/JavaScript/Howto](https://developer.mozilla.org/en-US/docs/Learn/JavaScript/Howto)">JavaScript questions</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Common\_questions#Web\_mechanics](https://developer.mozilla.org/en-US/docs/Learn/Common_questions#Web_mechanics)">Web mechanics</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Common\_questions#Tools\_and\_setup](https://developer.mozilla.org/en-US/docs/Learn/Common_questions#Tools_and_setup)">Tools and setup</a></li> |
|  | <li><a href="[/en-US/docs/Learn/Common\_questions#Design\_and\_accessibility](https://developer.mozilla.org/en-US/docs/Learn/Common_questions#Design_and_accessibility)">Design and accessibility</a></li> |
|  | </ol> |
|  | </details> |
|  | </li> |
|  | </ol> |
|  |  |
|  | </div></div></nav><div class="toc"><aside class="document-toc-container"><section class="document-toc"><header><h2 class="document-toc-heading">In this article</h2></header><ul class="document-toc-list" id="toc-entries"><li class="document-toc-item "><a class="document-toc-link" href="[#what\_is\_a\_hyperlink](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks#what_is_a_hyperlink)">What is a hyperlink?</a></li><li class="document-toc-item "><a class="document-toc-link" href="[#anatomy\_of\_a\_link](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks#anatomy_of_a_link)">Anatomy of a link</a></li><li class="document-toc-item "><a class="document-toc-link" href="[#a\_quick\_primer\_on\_urls\_and\_paths](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks#a_quick_primer_on_urls_and_paths)">A quick primer on URLs and paths</a></li><li class="document-toc-item "><a class="document-toc-link" href="[#link\_best\_practices](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks#link_best_practices)">Link best practices</a></li><li class="document-toc-item "><a class="document-toc-link" href="[#active\_learning\_creating\_a\_navigation\_menu](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks#active_learning_creating_a_navigation_menu)">Active learning: creating a navigation menu</a></li><li class="document-toc-item "><a class="document-toc-link" href="[#e-mail\_links](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks#e-mail_links)">E-mail links</a></li><li class="document-toc-item "><a class="document-toc-link" href="[#test\_your\_skills!](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks#test_your_skills!)">Test your skills!</a></li><li class="document-toc-item "><a class="document-toc-link" href="[#summary](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks#summary)">Summary</a></li><li class="document-toc-item "><a class="document-toc-link" href="[#in\_this\_module](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks#in_this_module)">In this module</a></li></ul></section></aside></div><main id="content" class="main-content " role="main"><article class="main-page-content" lang="en-US"><h1>Creating hyperlinks</h1><div class="section-content"><ul class="prev-next"> |
|  | <li><a class="button secondary" href="[/en-US/docs/Learn/HTML/Introduction\_to\_HTML/HTML\_text\_fundamentals](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/HTML_text_fundamentals)"><span class="button-wrap"> Previous </span></a></li> |
|  | <li><a class="button secondary" href="[/en-US/docs/Learn/HTML/Introduction\_to\_HTML](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML)"><span class="button-wrap"> Overview: Introduction to HTML</span></a></li> |
|  | <li><a class="button secondary" href="[/en-US/docs/Learn/HTML/Introduction\_to\_HTML/Advanced\_text\_formatting](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Advanced_text_formatting)"><span class="button-wrap"> Next </span></a></li> |
|  | </ul> |
|  | <p> |
|  | Hyperlinks are really important — they are what makes the Web <em>a web</em>. |
|  | This article shows the syntax required to make a link, and discusses link best practices. |
|  | </p> |
|  | <div class="table-scroll"><table> |
|  | <tbody> |
|  | <tr> |
|  | <th scope="row">Prerequisites:</th> |
|  | <td> |
|  | Basic HTML familiarity, as covered in |
|  | <a href="[/en-US/docs/Learn/HTML/Introduction\_to\_HTML/Getting\_started](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Getting_started)">Getting started with HTML</a>. HTML text formatting, as covered in |
|  | <a href="[/en-US/docs/Learn/HTML/Introduction\_to\_HTML/HTML\_text\_fundamentals](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/HTML_text_fundamentals)">HTML text fundamentals</a>. |
|  | </td> |
|  | </tr> |
|  | <tr> |
|  | <th scope="row">Objective:</th> |
|  | <td> |
|  | To learn how to implement a hyperlink effectively, and link multiple |
|  | files together. |
|  | </td> |
|  | </tr> |
|  | </tbody> |
|  | </table></div></div><section aria-labelledby="what\_is\_a\_hyperlink"><h2 id="what\_is\_a\_hyperlink"><a href="[#what\_is\_a\_hyperlink](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks#what_is_a_hyperlink)" title="Permalink to What is a hyperlink?">What is a hyperlink?</a></h2><div class="section-content"><p> |
|  | Hyperlinks are one of the most exciting innovations the Web has to offer. |
|  | They've been a feature of the Web since the beginning, and are what makes the Web <em>a web.</em> |
|  | Hyperlinks allow us to link documents to other documents or resources, link to specific parts of documents, or make apps available at a web address. |
|  | Almost any web content can be converted to a link so that when clicked or otherwise activated the web browser goes to another web address (<a href="[/en-US/docs/Glossary/URL](https://developer.mozilla.org/en-US/docs/Glossary/URL)">URL</a>). |
|  | </p> |
|  | <div class="notecard note" id="sect1"> |
|  | <p> |
|  | <strong>Note:</strong> A URL can point to HTML files, text files, images, text documents, video and audio files, or anything else that lives on the Web. |
|  | If the web browser doesn't know how to display or handle the file, it will ask you if you want to open the file (in which case the duty of opening or handling the file is passed to a suitable native app on the device) or download the file (in which case you can try to deal with it later on). |
|  | </p> |
|  | </div> |
|  | <p>For example, the BBC homepage contains many links that point not only to multiple news stories, but also different areas of the site (navigation functionality), login/registration pages (user tools), and more.</p> |
|  | <p> |
|  | <img src="[/en-US/docs/Learn/HTML/Introduction\_to\_HTML/Creating\_hyperlinks/updated-bbc-website.png](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks/updated-bbc-website.png)" alt="front page of bbc.co.uk, showing many news items, and navigation menu functionality" width="700" height="455" loading="lazy"> |
|  | </p></div></section><section aria-labelledby="anatomy\_of\_a\_link"><h2 id="anatomy\_of\_a\_link"><a href="[#anatomy\_of\_a\_link](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks#anatomy_of_a_link)" title="Permalink to Anatomy of a link">Anatomy of a link</a></h2><div class="section-content"><p>A basic link is created by wrapping the text or other content, see <a href="[#block\_level\_links](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks#block_level_links)">Block level links</a>, inside an <a href="[/en-US/docs/Web/HTML/Element/a](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/a)"><code>&lt;a&gt;</code></a> element and using the <a href="[/en-US/docs/Web/HTML/Element/a#attr-href](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/a#attr-href)"><code>href</code></a> attribute, also known as a <strong>Hypertext Reference</strong>, or <strong>target</strong>, that contains the web address.</p> |
|  | <div class="code-example"><pre class="brush: html notranslate"><code><span class="token tag"><span class="token tag"><span class="token punctuation">&lt;</span>p</span><span class="token punctuation">&gt;</span></span>I'm creating a link to |
|  | <span class="token tag"><span class="token tag"><span class="token punctuation">&lt;</span>a</span> <span class="token attr-name">href</span><span class="token attr-value"><span class="token punctuation attr-equals">=</span><span class="token punctuation">"</span>https://www.mozilla.org/en-US/<span class="token punctuation">"</span></span><span class="token punctuation">&gt;</span></span>the Mozilla homepage<span class="token tag"><span class="token tag"><span class="token punctuation">&lt;/</span>a</span><span class="token punctuation">&gt;</span></span>. |
|  | <span class="token tag"><span class="token tag"><span class="token punctuation">&lt;/</span>p</span><span class="token punctuation">&gt;</span></span> |
|  | </code></pre></div> |
|  | <p>This gives us the following result:</p> |
|  | <p>I'm creating a link to <a href="<https://www.mozilla.org/en-US/>" class="external" rel=" noopener">the Mozilla homepage</a>.</p></div></section><section aria-labelledby="adding\_supporting\_information\_with\_the\_title\_attribute"><h3 id="adding\_supporting\_information\_with\_the\_title\_attribute"><a href="[#adding\_supporting\_information\_with\_the\_title\_attribute](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks#adding_supporting_information_with_the_title_attribute)" title="Permalink to Adding supporting information with the title attribute">Adding supporting information with the title attribute</a></h3><div class="section-content"><p> |
|  | Another attribute you may want to add to your links is <code>title</code>. |
|  | The title contains additional information about the link, such as which kind of information the page contains, or things to be aware of on the web site. |
|  | </p> |
|  | <div class="code-example"><pre class="brush: html notranslate"><code><span class="token tag"><span class="token tag"><span class="token punctuation">&lt;</span>p</span><span class="token punctuation">&gt;</span></span>I'm creating a link to |
|  | <span class="token tag"><span class="token tag"><span class="token punctuation">&lt;</span>a</span> <span class="token attr-name">href</span><span class="token attr-value"><span class="token punctuation attr-equals">=</span><span class="token punctuation">"</span>https://www.mozilla.org/en-US/<span class="token punctuation">"</span></span> |
|  | <span class="token attr-name">title</span><span class="token attr-value"><span class="token punctuation attr-equals">=</span><span class="token punctuation">"</span>The best place to find more information about Mozilla<span class="token punctuation">'</span>s |
|  | mission and how to contribute<span class="token punctuation">"</span></span><span class="token punctuation">&gt;</span></span>the Mozilla homepage<span class="token tag"><span class="token tag"><span class="token punctuation">&lt;/</span>a</span><span class="token punctuation">&gt;</span></span>. |
|  | <span class="token tag"><span class="token tag"><span class="token punctuation">&lt;/</span>p</span><span class="token punctuation">&gt;</span></span> |
|  | </code></pre></div> |
|  | <p>This gives us the following result and hovering over the link displays the title as a tooltip:</p> |
|  | <p>I'm creating a link to <a href="<https://www.mozilla.org/en-US/>" title="The best place to find more information about Mozilla's mission and how to contribute" class="external" rel=" noopener">the Mozilla homepage</a>.</p> |
|  | <div class="notecard note" id="sect2"> |
|  | <p> |
|  | <strong>Note:</strong> A link title is only revealed on mouse hover, which means that people relying on keyboard controls or touchscreens to navigate web pages will have difficulty accessing title information. |
|  | If a title's information is truly important to the usability of the page, then you should present it in a manner that will be accessible to all users, for example by putting it in the regular text. |
|  | </p> |
|  | </div></div></section><section aria-labelledby="active\_learning\_creating\_your\_own\_example\_link"><h3 id="active\_learning\_creating\_your\_own\_example\_link"><a href="[#active\_learning\_creating\_your\_own\_example\_link](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks#active_learning_creating_your_own_example_link)" title="Permalink to Active learning: creating your own example link">Active learning: creating your own example link</a></h3><div class="section-content"><p>Create an HTML document using your local code editor and our <a href="<https://github.com/mdn/learning-area/blob/main/html/introduction-to-html/getting-started/index.html>" class="external" rel=" noopener">getting started template</a>.</p> |
|  | <ul> |
|  | <li>Inside the HTML body, add one or more paragraphs or other types of content you already know about.</li> |
|  | <li>Change some of the content into links.</li> |
|  | <li>Include title attributes.</li> |
|  | </ul></div></section><section aria-labelledby="block\_level\_links"><h3 id="block\_level\_links"><a href="[#block\_level\_links](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks#block_level_links)" title="Permalink to Block level links">Block level links</a></h3><div class="section-content"><p> |
|  | As mentioned before, almost any content can be made into a link, even <a href="[/en-US/docs/Learn/HTML/Introduction\_to\_HTML/Getting\_started#block\_versus\_inline\_elements](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Getting_started#block_versus_inline_elements)">block-level elements</a>. |
|  | If you have an image you want to make into a link, use the <a href="[/en-US/docs/Web/HTML/Element/a](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/a)"><code>&lt;a&gt;</code></a> element and reference the image file with the <a href="[/en-US/docs/Web/HTML/Element/img](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/img)"><code>&lt;img&gt;</code></a> element. |
|  | </p> |
|  | <div class="code-example"><pre class="brush: html notranslate"><code><span class="token tag"><span class="token tag"><span class="token punctuation">&lt;</span>a</span> <span class="token attr-name">href</span><span class="token attr-value"><span class="token punctuation attr-equals">=</span><span class="token punctuation">"</span>https://www.mozilla.org/en-US/<span class="token punctuation">"</span></span><span class="token punctuation">&gt;</span></span> |
|  | <span class="token tag"><span class="token tag"><span class="token punctuation">&lt;</span>img</span> <span class="token attr-name">src</span><span class="token attr-value"><span class="token punctuation attr-equals">=</span><span class="token punctuation">"</span>mozilla-image.png<span class="token punctuation">"</span></span> <span class="token attr-name">alt</span><span class="token attr-value"><span class="token punctuation attr-equals">=</span><span class="token punctuation">"</span>mozilla logo that links to the Mozilla homepage<span class="token punctuation">"</span></span><span class="token punctuation">&gt;</span></span> |
|  | <span class="token tag"><span class="token tag"><span class="token punctuation">&lt;/</span>a</span><span class="token punctuation">&gt;</span></span> |
|  | </code></pre></div> |
|  | <div class="notecard note" id="sect3"> |
|  | <p><strong>Note:</strong> You'll find out more about using images on the Web in a future article.</p> |
|  | </div></div></section><section aria-labelledby="a\_quick\_primer\_on\_urls\_and\_paths"><h2 id="a\_quick\_primer\_on\_urls\_and\_paths"><a href="[#a\_quick\_primer\_on\_urls\_and\_paths](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks#a_quick_primer_on_urls_and_paths)" title="Permalink to A quick primer on URLs and paths">A quick primer on URLs and paths</a></h2><div class="section-content"><p>To fully understand link targets, you need to understand URLs and file paths. This section gives you the information you need to achieve this.</p> |
|  | <p>A URL, or Uniform Resource Locator is a string of text that defines where something is located on the Web. For example, Mozilla's English homepage is located at <code>https://www.mozilla.org/en-US/</code>.</p> |
|  | <p>URLs use paths to find files. Paths specify where the file you're interested in is located in the filesystem. Let's look at an example of a directory structure, see the <a href="<https://github.com/mdn/learning-area/tree/main/html/introduction-to-html/creating-hyperlinks>" class="external" rel=" noopener">creating-hyperlinks</a> directory.</p> |
|  | <p> |
|  | <img src="[/en-US/docs/Learn/HTML/Introduction\_to\_HTML/Creating\_hyperlinks/simple-directory.png](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks/simple-directory.png)" alt="A simple directory structure. The parent directory is called creating-hyperlinks and contains two files called index.html and contacts.html, and two directories called projects and pdfs, which contain an index.html and a project-brief.pdf file, respectively" width="882" height="548" loading="lazy"> |
|  | </p> |
|  | <p>The <strong>root</strong> of this directory structure is called <code>creating-hyperlinks</code>. When working locally with a web site, you'll have one directory that contains the entire site. Inside the <strong>root</strong>, we have an <code>index.html</code> file and a <code>contacts.html</code>. In a real website, <code>index.html</code> would be our home page or landing page (a web page that serves as the entry point for a website or a particular section of a website.).</p> |
|  | <p>There are also two directories inside our root — <code>pdfs</code> and <code>projects</code>. These each have a single file inside them — a PDF (<code>project-brief.pdf</code>) and an <code>index.html</code> file, respectively. Note that you can have two <code>index.html</code> files in one project, as long as they're in different filesystem locations. The second <code>index.html</code> would perhaps be the main landing page for project-related information.</p> |
|  | <ul> |
|  | <li><strong>Same directory</strong>: If you wanted to include a hyperlink inside <code>index.html</code> (the top level <code>index.html</code>) pointing to <code>contacts.html</code>, you would specify the filename that you want to link to, because it's in the same directory as the current file. The URL you would use is <code>contacts.html</code>: |
|  | <div class="code-example"><pre class="brush: html notranslate"><code><span class="token tag"><span class="token tag"><span class="token punctuation">&lt;</span>p</span><span class="token punctuation">&gt;</span></span>Want to contact a specific staff member? |
|  | Find details on our <span class="token tag"><span class="token tag"><span class="token punctuation">&lt;</span>a</span> <span class="token attr-name">href</span><span class="token attr-value"><span class="token punctuation attr-equals">=</span><span class="token punctuation">"</span>contacts.html<span class="token punctuation">"</span></span><span class="token punctuation">&gt;</span></span>contacts page<span class="token tag"><span class="token tag"><span class="token punctuation">&lt;/</span>a</span><span class="token punctuation">&gt;</span></span>.<span class="token tag"><span class="token tag"><span class="token punctuation">&lt;/</span>p</span><span class="token punctuation">&gt;</span></span> |
|  | </code></pre></div> |
|  | </li> |
|  | <li> |
|  | <strong>Moving down into subdirectories</strong>: If you wanted to include a hyperlink inside <code>index.html</code> (the top level <code>index.html</code>) pointing to <code>projects/index.html</code>, you would need to go down into the <code>projects</code> directory before indicating the file you want to link to. |
|  | This is done by specifying the directory's name, then a forward slash, then the name of the file. The URL you would use is <code>projects/index.html</code>: |
|  | <div class="code-example"><pre class="brush: html notranslate"><code><span class="token tag"><span class="token tag"><span class="token punctuation">&lt;</span>p</span><span class="token punctuation">&gt;</span></span>Visit my <span class="token tag"><span class="token tag"><span class="token punctuation">&lt;</span>a</span> <span class="token attr-name">href</span><span class="token attr-value"><span class="token punctuation attr-equals">=</span><span class="token punctuation">"</span>projects/index.html<span class="token punctuation">"</span></span><span class="token punctuation">&gt;</span></span>project homepage<span class="token tag"><span class="token tag"><span class="token punctuation">&lt;/</span>a</span><span class="token punctuation">&gt;</span></span>.<span class="token tag"><span class="token tag"><span class="token punctuation">&lt;/</span>p</span><span class="token punctuation">&gt;</span></span> |
|  | </code></pre></div> |
|  | </li> |
|  | <li> |
|  | <strong>Moving back up into parent directories</strong>: If you wanted to include a hyperlink inside <code>projects/index.html</code> pointing to <code>pdfs/project-brief.pdf</code>, you'd have to go up a directory level, then back down into the <code>pdf</code> directory. |
|  | To go up a directory, use two dots — <code>..</code> — so the URL you would use is <code>../pdfs/project-brief.pdf</code>: |
|  | <div class="code-example"><pre class="brush: html notranslate"><code><span class="token tag"><span class="token tag"><span class="token punctuation">&lt;</span>p</span><span class="token punctuation">&gt;</span></span>A link to my <span class="token tag"><span class="token tag"><span class="token punctuation">&lt;</span>a</span> <span class="token attr-name">href</span><span class="token attr-value"><span class="token punctuation attr-equals">=</span><span class="token punctuation">"</span>../pdfs/project-brief.pdf<span class="token punctuation">"</span></span><span class="token punctuation">&gt;</span></span>project brief<span class="token tag"><span class="token tag"><span class="token punctuation">&lt;/</span>a</span><span class="token punctuation">&gt;</span></span>.<span class="token tag"><span class="token tag"><span class="token punctuation">&lt;/</span>p</span><span class="token punctuation">&gt;</span></span> |
|  | </code></pre></div> |
|  | </li> |
|  | </ul> |
|  | <div class="notecard note" id="sect4"> |
|  | <p><strong>Note:</strong> You can combine multiple instances of these features into complex URLs, if needed, for example: <code>../../../complex/path/to/my/file.html</code>.</p> |
|  | </div></div></section><section aria-labelledby="document\_fragments"><h3 id="document\_fragments"><a href="[#document\_fragments](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks#document_fragments)" title="Permalink to Document fragments">Document fragments</a></h3><div class="section-content"><p> |
|  | It's possible to link to a specific part of an HTML document, known as a <strong>document fragment</strong>, rather than just to the top of the document. |
|  | To do this you first have to assign an <a href="[/en-US/docs/Web/HTML/Global\_attributes#attr-id](https://developer.mozilla.org/en-US/docs/Web/HTML/Global_attributes#attr-id)"><code>id</code></a> attribute to the element you want to link to. |
|  | It normally makes sense to link to a specific heading, so this would look something like the following: |
|  | </p> |
|  | <div class="code-example"><pre class="brush: html notranslate"><code><span class="token tag"><span class="token tag"><span class="token punctuation">&lt;</span>h2</span> <span class="token attr-name">id</span><span class="token attr-value"><span class="token punctuation attr-equals">=</span><span class="token punctuation">"</span>Mailing\_address<span class="token punctuation">"</span></span><span class="token punctuation">&gt;</span></span>Mailing address<span class="token tag"><span class="token tag"><span class="token punctuation">&lt;/</span>h2</span><span class="token punctuation">&gt;</span></span> |
|  | </code></pre></div> |
|  | <p>Then to link to that specific <code>id</code>, you'd include it at the end of the URL, preceded by a hash/pound symbol (<code>#</code>), for example:</p> |
|  | <div class="code-example"><pre class="brush: html notranslate"><code><span class="token tag"><span class="token tag"><span class="token punctuation">&lt;</span>p</span><span class="token punctuation">&gt;</span></span>Want to write us a letter? Use our <span class="token tag"><span class="token tag"><span class="token punctuation">&lt;</span>a</span> <span class="token attr-name">href</span><span class="token attr-value"><span class="token punctuation attr-equals">=</span><span class="token punctuation">"</span>contacts.html#Mailing\_address<span class="token punctuation">"</span></span><span class="token punctuation">&gt;</span></span>mailing address<span class="token tag"><span class="token tag"><span class="token punctuation">&lt;/</span>a</span><span class="token punctuation">&gt;</span></span>.<span class="token tag"><span class="token tag"><span class="token punctuation">&lt;/</span>p</span><span class="token punctuation">&gt;</span></span> |
|  | </code></pre></div> |
|  | <p>You can even use the document fragment reference on its own to link to <em>another part of the current document</em>:</p> |
|  | <div class="code-example"><pre class="brush: html notranslate"><code><span class="token tag"><span class="token tag"><span class="token punctuation">&lt;</span>p</span><span class="token punctuation">&gt;</span></span>The <span class="token tag"><span class="token tag"><span class="token punctuation">&lt;</span>a</span> <span class="token attr-name">href</span><span class="token attr-value"><span class="token punctuation attr-equals">=</span><span class="token punctuation">"</span>#Mailing\_address<span class="token punctuation">"</span></span><span class="token punctuation">&gt;</span></span>company mailing address<span class="token tag"><span class="token tag"><span class="token punctuation">&lt;/</span>a</span><span class="token punctuation">&gt;</span></span> can be found at the bottom of this page.<span class="token tag"><span class="token tag"><span class="token punctuation">&lt;/</span>p</span><span class="token punctuation">&gt;</span></span> |
|  | </code></pre></div></div></section><section aria-labelledby="absolute\_versus\_relative\_urls"><h3 id="absolute\_versus\_relative\_urls"><a href="[#absolute\_versus\_relative\_urls](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks#absolute_versus_relative_urls)" title="Permalink to Absolute versus relative URLs">Absolute versus relative URLs</a></h3><div class="section-content"><p>Two terms you'll come across on the Web are <strong>absolute URL</strong> and <strong>relative URL:</strong></p> |
|  | <p> |
|  | <strong>absolute URL</strong>: Points to a location defined by its absolute location on the web, including <a href="[/en-US/docs/Glossary/Protocol](https://developer.mozilla.org/en-US/docs/Glossary/Protocol)">protocol</a> and <a href="[/en-US/docs/Glossary/Domain\_name](https://developer.mozilla.org/en-US/docs/Glossary/Domain_name)">domain name</a>. |
|  | For example, if an <code>index.html</code> page is uploaded to a directory called <code>projects</code> that sits inside the <strong>root</strong> of a web server, and the web site's domain is <code>https://www.example.com</code>, the page would be available at <code>https://www.example.com/projects/index.html</code> (or even just <code>https://www.example.com/projects/</code>, as most web servers just look for a landing page such as <code>index.html</code> to load if it isn't specified in the URL.) |
|  | </p> |
|  | <p>An absolute URL will always point to the same location, no matter where it's used.</p> |
|  | <p> |
|  | <strong>relative URL</strong>: Points to a location that is <em>relative</em> to the file you are linking from, more like what we looked at in the previous section. |
|  | For example, if we wanted to link from our example file at <code>https://www.example.com/projects/index.html</code> to a PDF file in the same directory, the URL would just be the filename — <code>project-brief.pdf</code> — no extra information needed. If the PDF was available in a subdirectory inside <code>projects</code> called <code>pdfs</code>, the relative link would be <code>pdfs/project-brief.pdf</code> (the equivalent absolute URL would be <code>https://www.example.com/projects/pdfs/project-brief.pdf</code>.) |
|  | </p> |
|  | <p>A relative URL will point to different places depending on the actual location of the file you refer from — for example if we moved our <code>index.html</code> file out of the <code>projects</code> directory and into the <strong>root</strong> of the web site (the top level, not in any directories), the <code>pdfs/project-brief.pdf</code> relative URL link inside it would now point to a file located at <code>https://www.example.com/pdfs/project-brief.pdf</code>, not a file located at <code>https://www.example.com/projects/pdfs/project-brief.pdf</code>.</p> |
|  | <p>Of course, the location of the <code>project-brief.pdf</code> file and <code>pdfs</code> folder won't suddenly change because you moved the <code>index.html</code> file — this would make your link point to the wrong place, so it wouldn't work if clicked on. You need to be careful!</p></div></section><section aria-labelledby="link\_best\_practices"><h2 id="link\_best\_practices"><a href="[#link\_best\_practices](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks#link_best_practices)" title="Permalink to Link best practices">Link best practices</a></h2><div class="section-content"><p>There are some best practices to follow when writing links. Let's look at these now.</p></div></section><section aria-labelledby="use\_clear\_link\_wording"><h3 id="use\_clear\_link\_wording"><a href="[#use\_clear\_link\_wording](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks#use_clear_link_wording)" title="Permalink to Use clear link wording">Use clear link wording</a></h3><div class="section-content"><p>It's easy to throw links up on your page. That's not enough. We need to make our links <em>accessible</em> to all readers, regardless of their current context and which tools they prefer. For example:</p> |
|  | <ul> |
|  | <li>Screenreader users like jumping around from link to link on the page, and reading links out of context.</li> |
|  | <li>Search engines use link text to index target files, so it is a good idea to include keywords in your link text to effectively describe what is being linked to.</li> |
|  | <li>Visual readers skim over the page rather than reading every word, and their eyes will be drawn to page features that stand out, like links. They will find descriptive link text useful.</li> |
|  | </ul> |
|  | <p>Let's look at a specific example:</p> |
|  | <p><strong>Good</strong> link text: <a href="<https://www.mozilla.org/en-US/firefox/new/?redirect_source=firefox-com>" class="external" rel=" noopener">Download Firefox</a></p> |
|  | <div class="code-example"><pre class="brush: html example-good notranslate"><code><span class="token tag"><span class="token tag"><span class="token punctuation">&lt;</span>p</span><span class="token punctuation">&gt;</span></span><span class="token tag"><span class="token tag"><span class="token punctuation">&lt;</span>a</span> <span class="token attr-name">href</span><span class="token attr-value"><span class="token punctuation attr-equals">=</span><span class="token punctuation">"</span>https://www.mozilla.org/firefox/<span class="token punctuation">"</span></span><span class="token punctuation">&gt;</span></span> |
|  | Download Firefox |
|  | <span class="token tag"><span class="token tag"><span class="token punctuation">&lt;/</span>a</span><span class="token punctuation">&gt;</span></span><span class="token tag"><span class="token tag"><span class="token punctuation">&lt;/</span>p</span><span class="token punctuation">&gt;</span></span> |
|  | </code></pre></div> |
|  | <p><strong>Bad</strong> link text: <a href="<https://www.mozilla.org/firefox/>" class="external" rel=" noopener">Click here</a> to download Firefox</p> |
|  | <div class="code-example"><pre class="brush: html example-bad notranslate"><code><span class="token tag"><span class="token tag"><span class="token punctuation">&lt;</span>p</span><span class="token punctuation">&gt;</span></span><span class="token tag"><span class="token tag"><span class="token punctuation">&lt;</span>a</span> <span class="token attr-name">href</span><span class="token attr-value"><span class="token punctuation attr-equals">=</span><span class="token punctuation">"</span>https://www.mozilla.org/firefox/<span class="token punctuation">"</span></span><span class="token punctuation">&gt;</span></span> |
|  | Click here |
|  | <span class="token tag"><span class="token tag"><span class="token punctuation">&lt;/</span>a</span><span class="token punctuation">&gt;</span></span> |
|  | to download Firefox<span class="token tag"><span class="token tag"><span class="token punctuation">&lt;/</span>p</span><span class="token punctuation">&gt;</span></span> |
|  | </code></pre></div> |
|  | <p>Other tips:</p> |
|  | <ul> |
|  | <li>Don't repeat the URL as part of the link text — URLs look ugly, and sound even uglier when a screen reader reads them out letter by letter.</li> |
|  | <li> |
|  | Don't say "link" or "links to" in the link text — it's just noise. Screen readers tell people there's a link. |
|  | Visual users will also know there's a link, because links are generally styled in a different color and underlined (this convention generally shouldn't be broken, as users are used to it). |
|  | </li> |
|  | <li>Keep your link text as short as possible — this is helpful because screen readers need to interpret the entire link text.</li> |
|  | <li> |
|  | Minimize instances where multiple copies of the same text are linked to different places. |
|  | This can cause problems for screen reader users, if there's a list of links out of context that are labeled "click here", "click here", "click here". |
|  | </li> |
|  | </ul></div></section><section aria-labelledby="linking\_to\_non-html\_resources\_—\_leave\_clear\_signposts"><h3 id="linking\_to\_non-html\_resources\_—\_leave\_clear\_signposts"><a href="[#linking\_to\_non-html\_resources\_—\_leave\_clear\_signposts](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks#linking_to_non-html_resources_%E2%80%94_leave_clear_signposts)" title="Permalink to Linking to non-HTML resources — leave clear signposts">Linking to non-HTML resources — leave clear signposts</a></h3><div class="section-content"><p>When linking to a resource that will be downloaded (like a PDF or Word document), streamed (like video or audio), or has another potentially unexpected effect (opens a popup window, or loads a Flash movie), you should add clear wording to reduce any confusion.</p> |
|  | <p>For example:</p> |
|  | <ul> |
|  | <li>If you're on a low bandwidth connection, click a link, and then a multiple megabyte download starts unexpectedly.</li> |
|  | <li>If you don't have the Flash player installed, click a link, and then suddenly get taken to a page that requires Flash.</li> |
|  | </ul> |
|  | <p>Let's look at some examples, to see what kind of text can be used here:</p> |
|  | <div class="code-example"><pre class="brush: html notranslate"><code><span class="token tag"><span class="token tag"><span class="token punctuation">&lt;</span>p</span><span class="token punctuation">&gt;</span></span><span class="token tag"><span class="token tag"><span class="token punctuation">&lt;</span>a</span> <span class="token attr-name">href</span><span class="token attr-value"><span class="token punctuation attr-equals">=</span><span class="token punctuation">"</span>https://www.example.com/large-report.pdf<span class="token punctuation">"</span></span><span class="token punctuation">&gt;</span></span> |
|  | Download the sales report (PDF, 10MB) |
|  | <span class="token tag"><span class="token tag"><span class="token punctuation">&lt;/</span>a</span><span class="token punctuation">&gt;</span></span><span class="token tag"><span class="token tag"><span class="token punctuation">&lt;/</span>p</span><span class="token punctuation">&gt;</span></span> |
|  |  |
|  | <span class="token tag"><span class="token tag"><span class="token punctuation">&lt;</span>p</span><span class="token punctuation">&gt;</span></span><span class="token tag"><span class="token tag"><span class="token punctuation">&lt;</span>a</span> <span class="token attr-name">href</span><span class="token attr-value"><span class="token punctuation attr-equals">=</span><span class="token punctuation">"</span>https://www.example.com/video-stream/<span class="token punctuation">"</span></span> <span class="token attr-name">target</span><span class="token attr-value"><span class="token punctuation attr-equals">=</span><span class="token punctuation">"</span>\_blank<span class="token punctuation">"</span></span><span class="token punctuation">&gt;</span></span> |
|  | Watch the video (stream opens in separate tab, HD quality) |
|  | <span class="token tag"><span class="token tag"><span class="token punctuation">&lt;/</span>a</span><span class="token punctuation">&gt;</span></span><span class="token tag"><span class="token tag"><span class="token punctuation">&lt;/</span>p</span><span class="token punctuation">&gt;</span></span> |
|  |  |
|  | <span class="token tag"><span class="token tag"><span class="token punctuation">&lt;</span>p</span><span class="token punctuation">&gt;</span></span><span class="token tag"><span class="token tag"><span class="token punctuation">&lt;</span>a</span> <span class="token attr-name">href</span><span class="token attr-value"><span class="token punctuation attr-equals">=</span><span class="token punctuation">"</span>https://www.example.com/car-game<span class="token punctuation">"</span></span><span class="token punctuation">&gt;</span></span> |
|  | Play the car game (requires Flash) |
|  | <span class="token tag"><span class="token tag"><span class="token punctuation">&lt;/</span>a</span><span class="token punctuation">&gt;</span></span><span class="token tag"><span class="token tag"><span class="token punctuation">&lt;/</span>p</span><span class="token punctuation">&gt;</span></span> |
|  | </code></pre></div></div></section><section aria-labelledby="use\_the\_download\_attribute\_when\_linking\_to\_a\_download"><h3 id="use\_the\_download\_attribute\_when\_linking\_to\_a\_download"><a href="[#use\_the\_download\_attribute\_when\_linking\_to\_a\_download](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks#use_the_download_attribute_when_linking_to_a_download)" title="Permalink to Use the download attribute when linking to a download">Use the download attribute when linking to a download</a></h3><div class="section-content"><p>When you are linking to a resource that's to be downloaded rather than opened in the browser, you can use the <code>download</code> attribute to provide a default save filename. Here's an example with a download link to the latest Windows version of Firefox:</p> |
|  | <div class="code-example"><pre class="brush: html notranslate"><code><span class="token tag"><span class="token tag"><span class="token punctuation">&lt;</span>a</span> <span class="token attr-name">href</span><span class="token attr-value"><span class="token punctuation attr-equals">=</span><span class="token punctuation">"</span>https://download.mozilla.org/?product=firefox-latest-ssl&amp;os=win64&amp;lang=en-US<span class="token punctuation">"</span></span> |
|  | <span class="token attr-name">download</span><span class="token attr-value"><span class="token punctuation attr-equals">=</span><span class="token punctuation">"</span>firefox-latest-64bit-installer.exe<span class="token punctuation">"</span></span><span class="token punctuation">&gt;</span></span> |
|  | Download Latest Firefox for Windows (64-bit) (English, US) |
|  | <span class="token tag"><span class="token tag"><span class="token punctuation">&lt;/</span>a</span><span class="token punctuation">&gt;</span></span> |
|  | </code></pre></div></div></section><section aria-labelledby="active\_learning\_creating\_a\_navigation\_menu"><h2 id="active\_learning\_creating\_a\_navigation\_menu"><a href="[#active\_learning\_creating\_a\_navigation\_menu](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks#active_learning_creating_a_navigation_menu)" title="Permalink to Active learning: creating a navigation menu">Active learning: creating a navigation menu</a></h2><div class="section-content"><p>For this exercise, we'd like you to link some pages together with a navigation menu to create a multi-page website. This is one common way in which a website is created — the same page structure is used on every page, including the same navigation menu, so when links are clicked it gives the impression that you are staying in the same place, and different content is being brought up.</p> |
|  | <p>You'll need to make local copies of the following four pages, all in the same directory. For a complete file list, see the <a href="<https://github.com/mdn/learning-area/tree/main/html/introduction-to-html/navigation-menu-start>" class="external" rel=" noopener">navigation-menu-start</a> directory:</p> |
|  | <ul> |
|  | <li><a href="<https://github.com/mdn/learning-area/blob/main/html/introduction-to-html/navigation-menu-start/index.html>" class="external" rel=" noopener">index.html</a></li> |
|  | <li><a href="<https://github.com/mdn/learning-area/blob/main/html/introduction-to-html/navigation-menu-start/projects.html>" class="external" rel=" noopener">projects.html</a></li> |
|  | <li><a href="<https://github.com/mdn/learning-area/blob/main/html/introduction-to-html/navigation-menu-start/pictures.html>" class="external" rel=" noopener">pictures.html</a></li> |
|  | <li><a href="<https://github.com/mdn/learning-area/blob/main/html/introduction-to-html/navigation-menu-start/social.html>" class="external" rel=" noopener">social.html</a></li> |
|  | </ul> |
|  | <p>You should:</p> |
|  | <ol> |
|  | <li> |
|  | Add an unordered list in the indicated place on one page that includes the names of the pages to link to. |
|  | A navigation menu is usually just a list of links, so this is semantically OK. |
|  | </li> |
|  | <li>Change each page name into a link to that page.</li> |
|  | <li>Copy the navigation menu across to each page.</li> |
|  | <li> |
|  | On each page, remove just the link to that same page — it's confusing and unnecessary for a page to include a link to itself. |
|  | And, the lack of a link acts a good visual reminder of which page you are currently on. |
|  | </li> |
|  | </ol> |
|  | <p>The finished example should look similar to the following page:</p> |
|  | <p> |
|  | <img src="[/en-US/docs/Learn/HTML/Introduction\_to\_HTML/Creating\_hyperlinks/navigation-example.png](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks/navigation-example.png)" alt="An example of a simple HTML navigation menu, with home, pictures, projects, and social menu items" width="628" height="424" loading="lazy"> |
|  | </p> |
|  | <div class="notecard note" id="sect5"> |
|  | <p><strong>Note:</strong> If you get stuck, or aren't sure if you have got it right, you can check the <a href="<https://github.com/mdn/learning-area/tree/main/html/introduction-to-html/navigation-menu-marked-up>" class="external" rel=" noopener">navigation-menu-marked-up</a> directory to see the correct answer.</p> |
|  | </div></div></section><section aria-labelledby="e-mail\_links"><h2 id="e-mail\_links"><a href="[#e-mail\_links](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks#e-mail_links)" title="Permalink to E-mail links">E-mail links</a></h2><div class="section-content"><p> |
|  | It's possible to create links or buttons that, when clicked, open a new outgoing email message rather than linking to a resource or page. |
|  | This is done using the <a href="[/en-US/docs/Web/HTML/Element/a](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/a)"><code>&lt;a&gt;</code></a> element and the <code>mailto:</code> URL scheme. |
|  | </p> |
|  | <p>In its most basic and commonly used form, a <code>mailto:</code> link indicates the email address of the intended recipient. For example:</p> |
|  | <div class="code-example"><pre class="brush: html notranslate"><code><span class="token tag"><span class="token tag"><span class="token punctuation">&lt;</span>a</span> <span class="token attr-name">href</span><span class="token attr-value"><span class="token punctuation attr-equals">=</span><span class="token punctuation">"</span>mailto:nowhere@mozilla.org<span class="token punctuation">"</span></span><span class="token punctuation">&gt;</span></span>Send email to nowhere<span class="token tag"><span class="token tag"><span class="token punctuation">&lt;/</span>a</span><span class="token punctuation">&gt;</span></span> |
|  | </code></pre></div> |
|  | <p>This results in a link that looks like this: <a href="<mailto:nowhere@mozilla.org>">Send email to nowhere</a>.</p> |
|  | <p> |
|  | In fact, the email address is optional. If you omit it and your <a href="[/en-US/docs/Web/HTML/Element/a#attr-href](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/a#attr-href)"><code>href</code></a> is "mailto:", a new outgoing email window will be opened by the user's email client with no destination address. |
|  | This is often useful as "Share" links that users can click to send an email to an address of their choosing. |
|  | </p></div></section><section aria-labelledby="specifying\_details"><h3 id="specifying\_details"><a href="[#specifying\_details](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks#specifying_details)" title="Permalink to Specifying details">Specifying details</a></h3><div class="section-content"><p> |
|  | In addition to the email address, you can provide other information. In fact, any standard mail header fields can be added to the <code>mailto</code> URL you provide. |
|  | The most commonly used of these are "subject", "cc", and "body" (which is not a true header field, but allows you to specify a short content message for the new email). |
|  | Each field and its value is specified as a query term. |
|  | </p> |
|  | <p>Here's an example that includes a cc, bcc, subject and body:</p> |
|  | <div class="code-example"><pre class="brush: html notranslate"><code><span class="token tag"><span class="token tag"><span class="token punctuation">&lt;</span>a</span> <span class="token attr-name">href</span><span class="token attr-value"><span class="token punctuation attr-equals">=</span><span class="token punctuation">"</span>mailto:nowhere@mozilla.org?cc=name2@rapidtables.com&amp;bcc=name3@rapidtables.com&amp;subject=The%20subject%20of%20the%20email&amp;body=The%20body%20of%20the%20email<span class="token punctuation">"</span></span><span class="token punctuation">&gt;</span></span> |
|  | Send mail with cc, bcc, subject and body |
|  | <span class="token tag"><span class="token tag"><span class="token punctuation">&lt;/</span>a</span><span class="token punctuation">&gt;</span></span> |
|  | </code></pre></div> |
|  | <div class="notecard note" id="sect6"> |
|  | <p> |
|  | <strong>Note:</strong> The values of each field must be URL-encoded with non-printing characters (invisible characters like tabs, carriage returns, and page breaks) and spaces <a href="<https://en.wikipedia.org/wiki/Percent-encoding>" class="external" rel=" noopener">percent-escaped</a>. |
|  | Also, note the use of the question mark (<code>?</code>) to separate the main URL from the field values, and ampersands (&amp;) to separate each field in the <code>mailto:</code> URL. |
|  | This is standard URL query notation. |
|  | Read <a href="[/en-US/docs/Learn/Forms/Sending\_and\_retrieving\_form\_data#the\_get\_method](https://developer.mozilla.org/en-US/docs/Learn/Forms/Sending_and_retrieving_form_data#the_get_method)">The GET method</a> to understand what URL query notation is more commonly used for. |
|  | </p> |
|  | </div> |
|  | <p>Here are a few other sample <code>mailto</code> URLs:</p> |
|  | <ul> |
|  | <li><a href="<mailto:>">mailto:</a></li> |
|  | <li><a href="<mailto:nowhere@mozilla.org>">mailto:nowhere@mozilla.org</a></li> |
|  | <li><a href="<mailto:nowhere@mozilla.org,nobody@mozilla.org>">mailto:nowhere@mozilla.org,nobody@mozilla.org</a></li> |
|  | <li><a href="<mailto:nowhere@mozilla.org?cc=nobody@mozilla.org>">mailto:nowhere@mozilla.org?cc=nobody@mozilla.org</a></li> |
|  | <li><a href="[mailto:nowhere@mozilla.org?cc=nobody@mozilla.org&amp;subject=This%20is%20the%20subject](mailto:nowhere@mozilla.org?cc=nobody@mozilla.org&subject=This%20is%20the%20subject)">mailto:nowhere@mozilla.org?cc=nobody@mozilla.org&amp;subject=This%20is%20the%20subject</a></li> |
|  | </ul></div></section><section aria-labelledby="test\_your\_skills!"><h2 id="test\_your\_skills!"><a href="[#test\_your\_skills!](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks#test_your_skills!)" title="Permalink to Test your skills!">Test your skills!</a></h2><div class="section-content"><p>You've reached the end of this article, but can you remember the most important information? You can find some further tests to verify that you've retained this information before you move on — see <a href="[/en-US/docs/Learn/HTML/Introduction\_to\_HTML/Test\_your\_skills:\_Links](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Test_your_skills:_Links)">Test your skills: Links</a>.</p></div></section><section aria-labelledby="summary"><h2 id="summary"><a href="[#summary](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks#summary)" title="Permalink to Summary">Summary</a></h2><div class="section-content"><p>That's it for links, for now anyway! You'll return to links later on in the course when you start to look at styling them. Next up for HTML, we'll return to text semantics and look at some more advanced/unusual features that you'll find useful — <a href="[/en-US/docs/Learn/HTML/Introduction\_to\_HTML/Advanced\_text\_formatting](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Advanced_text_formatting)">Advanced text formatting</a> is your next stop.</p><ul class="prev-next"> |
|  | <li><a class="button secondary" href="[/en-US/docs/Learn/HTML/Introduction\_to\_HTML/HTML\_text\_fundamentals](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/HTML_text_fundamentals)"><span class="button-wrap"> Previous </span></a></li> |
|  | <li><a class="button secondary" href="[/en-US/docs/Learn/HTML/Introduction\_to\_HTML](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML)"><span class="button-wrap"> Overview: Introduction to HTML</span></a></li> |
|  | <li><a class="button secondary" href="[/en-US/docs/Learn/HTML/Introduction\_to\_HTML/Advanced\_text\_formatting](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Advanced_text_formatting)"><span class="button-wrap"> Next </span></a></li> |
|  | </ul></div></section><section aria-labelledby="in\_this\_module"><h2 id="in\_this\_module"><a href="[#in\_this\_module](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks#in_this_module)" title="Permalink to In this module">In this module</a></h2><div class="section-content"><ul> |
|  | <li><a href="[/en-US/docs/Learn/HTML/Introduction\_to\_HTML/Getting\_started](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Getting_started)">Getting started with HTML</a></li> |
|  | <li><a href="[/en-US/docs/Learn/HTML/Introduction\_to\_HTML/The\_head\_metadata\_in\_HTML](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/The_head_metadata_in_HTML)">What's in the head? Metadata in HTML</a></li> |
|  | <li><a href="[/en-US/docs/Learn/HTML/Introduction\_to\_HTML/HTML\_text\_fundamentals](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/HTML_text_fundamentals)">HTML text fundamentals</a></li> |
|  | <li><a href="[/en-US/docs/Learn/HTML/Introduction\_to\_HTML/Creating\_hyperlinks](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks)" aria-current="page">Creating hyperlinks</a></li> |
|  | <li><a href="[/en-US/docs/Learn/HTML/Introduction\_to\_HTML/Advanced\_text\_formatting](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Advanced_text_formatting)">Advanced text formatting</a></li> |
|  | <li><a href="[/en-US/docs/Learn/HTML/Introduction\_to\_HTML/Document\_and\_website\_structure](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Document_and_website_structure)">Document and website structure</a></li> |
|  | <li><a href="[/en-US/docs/Learn/HTML/Introduction\_to\_HTML/Debugging\_HTML](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Debugging_HTML)">Debugging HTML</a></li> |
|  | <li><a href="[/en-US/docs/Learn/HTML/Introduction\_to\_HTML/Marking\_up\_a\_letter](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Marking_up_a_letter)">Marking up a letter</a></li> |
|  | <li><a href="[/en-US/docs/Learn/HTML/Introduction\_to\_HTML/Structuring\_a\_page\_of\_content](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Structuring_a_page_of_content)">Structuring a page of content</a></li> |
|  | </ul></div></section><aside class="metadata"><div class="metadata-content-container"><div id="on-github" class="on-github"><h3>Found a problem with this page?</h3><ul><li><a href="<https://github.com/mdn/content/edit/main/files/en-us/learn/html/introduction_to_html/creating_hyperlinks/index.md>" title="You're going to need to sign in to GitHub first (Opens in a new tab)" target="\_blank" rel="noopener noreferrer">Edit on <b>GitHub</b></a></li><li><a href="<https://github.com/mdn/content/blob/main/files/en-us/learn/html/introduction_to_html/creating_hyperlinks/index.md?plain=1>" title="Folder: en-us/learn/html/introduction\_to\_html/creating\_hyperlinks (Opens in a new tab)" target="\_blank" rel="noopener noreferrer">Source on <b>GitHub</b></a></li><li><a href="[https://github.com/mdn/content/issues/new?template=page-report.yml&amp;mdn-url=https%3A%2F%2Fdeveloper.mozilla.org%2Fen-US%2Fdocs%2FLearn%2FHTML%2FIntroduction\_to\_HTML%2FCreating\_hyperlinks&amp;metadata=%3C%21--+Do+not+make+changes+below+this+line+--%3E%0A%3Cdetails%3E%0A%3Csummary%3EPage+report+details%3C%2Fsummary%3E%0A%0A\*+Folder%3A+%60en-us%2Flearn%2Fhtml%2Fintroduction\_to\_html%2Fcreating\_hyperlinks%60%0A\*+MDN+URL%3A+https%3A%2F%2Fdeveloper.mozilla.org%2Fen-US%2Fdocs%2FLearn%2FHTML%2FIntroduction\_to\_HTML%2FCreating\_hyperlinks%0A\*+GitHub+URL%3A+https%3A%2F%2Fgithub.com%2Fmdn%2Fcontent%2Fblob%2Fmain%2Ffiles%2Fen-us%2Flearn%2Fhtml%2Fintroduction\_to\_html%2Fcreating\_hyperlinks%2Findex.md%0A\*+Last+commit%3A+https%3A%2F%2Fgithub.com%2Fmdn%2Fcontent%2Fcommit%2F6cae57a4e1cc01dff54e7cc442c45b1b900775d0%0A\*+Document+last+modified%3A+2022-04-23T16%3A37%3A30.000Z%0A%0A%3C%2Fdetails%3E](https://github.com/mdn/content/issues/new?template=page-report.yml&mdn-url=https%3A%2F%2Fdeveloper.mozilla.org%2Fen-US%2Fdocs%2FLearn%2FHTML%2FIntroduction_to_HTML%2FCreating_hyperlinks&metadata=%3C%21--+Do+not+make+changes+below+this+line+--%3E%0A%3Cdetails%3E%0A%3Csummary%3EPage+report+details%3C%2Fsummary%3E%0A%0A*+Folder%3A+%60en-us%2Flearn%2Fhtml%2Fintroduction_to_html%2Fcreating_hyperlinks%60%0A*+MDN+URL%3A+https%3A%2F%2Fdeveloper.mozilla.org%2Fen-US%2Fdocs%2FLearn%2FHTML%2FIntroduction_to_HTML%2FCreating_hyperlinks%0A*+GitHub+URL%3A+https%3A%2F%2Fgithub.com%2Fmdn%2Fcontent%2Fblob%2Fmain%2Ffiles%2Fen-us%2Flearn%2Fhtml%2Fintroduction_to_html%2Fcreating_hyperlinks%2Findex.md%0A*+Last+commit%3A+https%3A%2F%2Fgithub.com%2Fmdn%2Fcontent%2Fcommit%2F6cae57a4e1cc01dff54e7cc442c45b1b900775d0%0A*+Document+last+modified%3A+2022-04-23T16%3A37%3A30.000Z%0A%0A%3C%2Fdetails%3E)" title="This will take you to GitHub to file a new issue" target="\_blank" rel="noopener noreferrer">Report a problem with this content on <b>GitHub</b></a></li><li>Want to fix the problem yourself? See<!-- --> <a href="<https://github.com/mdn/content/blob/main/README.md>" target="\_blank" rel="noopener noreferrer">our Contribution guide</a>.</li></ul></div><p class="last-modified-date"><b>Last modified:</b> <time datetime="2022-04-23T16:37:30.000Z">Apr 23, 2022</time>,<!-- --> <a href="[/en-US/docs/Learn/HTML/Introduction\_to\_HTML/Creating\_hyperlinks/contributors.txt](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks/contributors.txt)">by MDN contributors</a></p></div></aside></article></main></div></div><footer id="nav-footer" class="page-footer"><div class="page-footer-grid"><div class="page-footer-logo-col"><a href="[/](https://developer.mozilla.org/)" class="mdn-footer-logo" aria-label="MDN homepage"><svg width="48" height="17" viewBox="0 0 48 17" fill="none" xmlns="http://www.w3.org/2000/svg"><title id="mdn-footer-logo-svg">MDN logo</title><path d="M20.04 16.512H15.504V10.416C15.504 9.488 15.344 8.824 15.024 8.424C14.72 8.024 14.264 7.824 13.656 7.824C12.92 7.824 12.384 8.064 12.048 8.544C11.728 9.024 11.568 9.64 11.568 10.392V14.184H13.008V16.512H8.472V10.416C8.472 9.488 8.312 8.824 7.992 8.424C7.688 8.024 7.232 7.824 6.624 7.824C5.872 7.824 5.336 8.064 5.016 8.544C4.696 9.024 4.536 9.64 4.536 10.392V14.184H6.6V16.512H0V14.184H1.44V8.04H0.024V5.688H4.536V7.32C5.224 6.088 6.32 5.472 7.824 5.472C8.608 5.472 9.328 5.664 9.984 6.048C10.64 6.432 11.096 7.016 11.352 7.8C11.992 6.248 13.168 5.472 14.88 5.472C15.856 5.472 16.72 5.776 17.472 6.384C18.224 6.992 18.6 7.936 18.6 9.216V14.184H20.04V16.512Z" fill="currentColor"></path><path d="M33.6714 16.512H29.1354V14.496C28.8314 15.12 28.3834 15.656 27.7914 16.104C27.1994 16.536 26.4154 16.752 25.4394 16.752C24.0154 16.752 22.8954 16.264 22.0794 15.288C21.2634 14.312 20.8554 12.984 20.8554 11.304C20.8554 9.688 21.2554 8.312 22.0554 7.176C22.8554 6.04 24.0634 5.472 25.6794 5.472C26.5594 5.472 27.2794 5.648 27.8394 6C28.3994 6.352 28.8314 6.8 29.1354 7.344V2.352H26.9754V0H32.2314V14.184H33.6714V16.512ZM29.1354 11.04V10.776C29.1354 9.88 28.8954 9.184 28.4154 8.688C27.9514 8.176 27.3674 7.92 26.6634 7.92C25.9754 7.92 25.3674 8.176 24.8394 8.688C24.3274 9.2 24.0714 10.008 24.0714 11.112C24.0714 12.152 24.3114 12.944 24.7914 13.488C25.2714 14.032 25.8394 14.304 26.4954 14.304C27.3114 14.304 27.9514 13.96 28.4154 13.272C28.8954 12.584 29.1354 11.84 29.1354 11.04Z" fill="currentColor"></path><path d="M47.9589 16.512H41.9829V14.184H43.4229V10.416C43.4229 9.488 43.2629 8.824 42.9429 8.424C42.6389 8.024 42.1829 7.824 41.5749 7.824C40.8389 7.824 40.2709 8.056 39.8709 8.52C39.4709 8.968 39.2629 9.56 39.2469 10.296V14.184H40.6869V16.512H34.7109V14.184H36.1509V8.04H34.5909V5.688H39.2469V7.344C39.9669 6.096 41.1269 5.472 42.7269 5.472C43.7509 5.472 44.6389 5.776 45.3909 6.384C46.1429 6.992 46.5189 7.936 46.5189 9.216V14.184H47.9589V16.512Z" fill="currentColor"></path></svg></a><p>Your blueprint for a better internet.</p><ul class="social-icons"><li><a class="icon icon-twitter" href="<https://twitter.com/mozdevnet>" target="\_blank" rel="noopener noreferrer"><span class="visually-hidden">MDN on Twitter</span></a></li><li><a class="icon icon-github-mark-small" href="<https://github.com/mdn/>" target="\_blank" rel="noopener noreferrer"><span class="visually-hidden">MDN on GitHub</span></a></li></ul></div><div class="page-footer-nav-col-1"><h2 class="footer-nav-heading">MDN</h2><ul class="footer-nav-list"><li class="footer-nav-item"><a href="[/en-US/about](https://developer.mozilla.org/en-US/about)">About</a></li><li class="footer-nav-item"><a href="<https://hacks.mozilla.org/>" target="\_blank" rel="noopener noreferrer">Hacks Blog</a></li><li class="footer-nav-item"><a href="<https://www.mozilla.org/en-US/careers/listings/?team=Marketing>" target="\_blank" rel="noopener noreferrer">Careers</a></li></ul></div><div class="page-footer-nav-col-2"><h2 class="footer-nav-heading">Support</h2><ul class="footer-nav-list"><li class="footer-nav-item"><a class="footer-nav-link" href="<https://support.mozilla.org/products/mdn-plus>">Product help</a></li><li class="footer-nav-item"><a class="footer-nav-link" href="[/en-US/docs/MDN/Contribute/Feedback#documentation\_issues](https://developer.mozilla.org/en-US/docs/MDN/Contribute/Feedback#documentation_issues)">Report a page issue</a></li><li class="footer-nav-item"><a class="footer-nav-link" href="[/en-US/docs/MDN/Contribute/Feedback#site\_issues](https://developer.mozilla.org/en-US/docs/MDN/Contribute/Feedback#site_issues)">Report a site issue</a></li></ul></div><div class="page-footer-nav-col-3"><h2 class="footer-nav-heading">Our communities</h2><ul class="footer-nav-list"><li class="footer-nav-item"><a class="footer-nav-link" href="[/en-US/community](https://developer.mozilla.org/en-US/community)">MDN Community</a></li><li class="footer-nav-item"><a class="footer-nav-link" href="<https://discourse.mozilla.org/c/mdn/236>" target="\_blank" rel="noopener noreferrer">MDN Forum</a></li><li class="footer-nav-item"><a class="footer-nav-link" href="<https://wiki.mozilla.org/Matrix>" target="\_blank" rel="noopener noreferrer">MDN Chat</a></li></ul></div><div class="page-footer-nav-col-4"><h2 class="footer-nav-heading">Developers</h2><ul class="footer-nav-list"><li class="footer-nav-item"><a class="footer-nav-link" href="[/en-US/docs/Web](https://developer.mozilla.org/en-US/docs/Web)">Web Technologies</a></li><li class="footer-nav-item"><a class="footer-nav-link" href="[/en-US/docs/Learn](https://developer.mozilla.org/en-US/docs/Learn)">Learn Web Development</a></li><li class="footer-nav-item"><a class="footer-nav-link" href="[/en-US/plus](https://developer.mozilla.org/en-US/plus)">MDN Plus</a></li></ul></div><div class="page-footer-moz"><a href="<https://www.mozilla.org/>" class="footer-moz-logo-link" target="\_blank" rel="noopener noreferrer"><svg width="112" height="32" fill="none" xmlns="http://www.w3.org/2000/svg"><title id="mozilla-footer-logo-svg">Mozilla logo</title><path d="M41.753 14.218c-2.048 0-3.324 1.522-3.324 4.157 0 2.423 1.119 4.286 3.29 4.286 2.082 0 3.447-1.678 3.447-4.347 0-2.826-1.522-4.096-3.413-4.096Zm54.89 7.044c0 .901.437 1.618 1.645 1.618 1.427 0 2.949-1.024 3.044-3.352-.649-.095-1.365-.185-2.02-.185-1.426-.005-2.668.397-2.668 1.92Z" fill="currentColor"></path><path d="M0 0v32h111.908V0H0Zm32.56 25.426h-5.87v-7.884c0-2.423-.806-3.352-2.39-3.352-1.924 0-2.702 1.365-2.702 3.324v4.868h1.864v3.044h-5.864v-7.884c0-2.423-.806-3.352-2.39-3.352-1.924 0-2.702 1.365-2.702 3.324v4.868h2.669v3.044H6.642v-3.044h1.863v-7.918H6.642V11.42h5.864v2.11c.839-1.489 2.3-2.39 4.252-2.39 2.02 0 3.878.963 4.566 3.01.778-1.862 2.361-3.01 4.566-3.01 2.512 0 4.812 1.522 4.812 4.84v6.402h1.863v3.044h-.005Zm9.036.307c-4.314 0-7.296-2.635-7.296-7.106 0-4.096 2.484-7.481 7.514-7.481s7.481 3.38 7.481 7.29c0 4.472-3.228 7.297-7.699 7.297Zm22.578-.307H51.942l-.403-2.11 7.7-8.846h-4.376l-.621 2.17-2.888-.313.498-4.907h12.294l.313 2.11-7.767 8.852h4.533l.654-2.172 3.167.308-.872 4.908Zm7.99 0h-4.191v-5.03h4.19v5.03Zm0-8.976h-4.191v-5.03h4.19v5.03Zm2.618 8.976 6.054-21.358h3.945l-6.054 21.358h-3.945Zm8.136 0 6.048-21.358h3.945l-6.054 21.358h-3.939Zm21.486.307c-1.863 0-2.887-1.085-3.072-2.792-.805 1.427-2.232 2.792-4.498 2.792-2.02 0-4.314-1.085-4.314-4.006 0-3.447 3.323-4.253 6.518-4.253.778 0 1.584.034 2.3.124v-.465c0-1.427-.034-3.133-2.3-3.133-.84 0-1.488.061-2.143.402l-.453 1.578-3.195-.34.549-3.224c2.45-.996 3.692-1.27 5.992-1.27 3.01 0 5.556 1.55 5.556 4.75v6.083c0 .805.314 1.085.963 1.085.184 0 .375-.034.587-.095l.034 2.11a5.432 5.432 0 0 1-2.524.654Z" fill="currentColor"></path></svg></a><ul class="footer-moz-list"><li class="footer-moz-item"><a href="<https://www.mozilla.org/privacy/websites/>" class="footer-moz-link" target="\_blank" rel="noopener noreferrer">Website Privacy Notice</a></li><li class="footer-moz-item"><a href="<https://www.mozilla.org/privacy/websites/#cookies>" class="footer-moz-link" target="\_blank" rel="noopener noreferrer">Cookies</a></li><li class="footer-moz-item"><a href="<https://www.mozilla.org/about/legal/terms/mozilla>" class="footer-moz-link" target="\_blank" rel="noopener noreferrer">Legal</a></li><li class="footer-moz-item"><a href="<https://www.mozilla.org/about/governance/policies/participation/>" class="footer-moz-link" target="\_blank" rel="noopener noreferrer">Community Participation Guidelines</a></li></ul></div><div class="page-footer-legal"><p id="license" class="page-footer-legal-text">Visit<!-- --> <a href="[https://www.mozilla.org](https://www.mozilla.org/)" target="\_blank" rel="noopener noreferrer">Mozilla Corporation’s</a> <!-- -->not-for-profit parent, the<!-- --> <a target="\_blank" rel="noopener noreferrer" href="<https://foundation.mozilla.org/>">Mozilla Foundation</a>.<br>Portions of this content are ©1998–<!-- -->2022<!-- --> by individual mozilla.org contributors. Content available under<!-- --> <a href="[/docs/MDN/About#Copyrights\_and\_licenses](https://developer.mozilla.org/docs/MDN/About#Copyrights_and_licenses)">a Creative Commons license</a>.</p></div></div></footer></div><script type="application/json" id="hydration">{"doc":{"isMarkdown":true,"isTranslated":false,"isActive":true,"flaws":{},"title":"Creating hyperlinks","mdn\_url":"/en-US/docs/Learn/HTML/Introduction\_to\_HTML/Creating\_hyperlinks","locale":"en-US","native":"English (US)","sidebarHTML":"\n\n<ol>\n <li data-default-state=\"\"><a href=\"/en-US/docs/Learn/Getting\_started\_with\_the\_web\"><strong>Complete beginners start here!</strong></a></li>\n <li class=\"toggle\">\n <details>\n <summary>Getting started with the web</summary>\n <ol>\n <li><a href=\"/en-US/docs/Learn/Getting\_started\_with\_the\_web\">Getting started with the web overview</a></li>\n <li><a href=\"/en-US/docs/Learn/Getting\_started\_with\_the\_web/Installing\_basic\_software\">Installing basic software</a></li>\n <li><a href=\"/en-US/docs/Learn/Getting\_started\_with\_the\_web/What\_will\_your\_website\_look\_like\">What will your website look like?</a></li>\n <li><a href=\"/en-US/docs/Learn/Getting\_started\_with\_the\_web/Dealing\_with\_files\">Dealing with files</a></li>\n <li><a href=\"/en-US/docs/Learn/Getting\_started\_with\_the\_web/HTML\_basics\">HTML basics</a></li>\n <li><a href=\"/en-US/docs/Learn/Getting\_started\_with\_the\_web/CSS\_basics\">CSS basics</a></li>\n <li><a href=\"/en-US/docs/Learn/Getting\_started\_with\_the\_web/JavaScript\_basics\">JavaScript basics</a></li>\n <li><a href=\"/en-US/docs/Learn/Getting\_started\_with\_the\_web/Publishing\_your\_website\">Publishing your website</a></li>\n <li><a href=\"/en-US/docs/Learn/Getting\_started\_with\_the\_web/How\_the\_Web\_works\">How the web works</a></li>\n </ol>\n </details>\n </li>\n <li data-default-state=\"open\"><a href=\"/en-US/docs/Learn/HTML\"><strong>HTML — Structuring the web</strong></a></li>\n <li class=\"toggle\">\n <details open=\"\">\n <summary>Introduction to HTML</summary>\n <ol>\n <li><a href=\"/en-US/docs/Learn/HTML/Introduction\_to\_HTML\">Introduction to HTML overview</a></li>\n <li><a href=\"/en-US/docs/Learn/HTML/Introduction\_to\_HTML/Getting\_started\">Getting started with HTML</a></li>\n <li><a href=\"/en-US/docs/Learn/HTML/Introduction\_to\_HTML/The\_head\_metadata\_in\_HTML\">What's in the head? Metadata in HTML</a></li>\n <li><a href=\"/en-US/docs/Learn/HTML/Introduction\_to\_HTML/HTML\_text\_fundamentals\">HTML text fundamentals</a></li>\n <li><a href=\"/en-US/docs/Learn/HTML/Introduction\_to\_HTML/Creating\_hyperlinks\">Creating hyperlinks</a></li>\n <li><a href=\"/en-US/docs/Learn/HTML/Introduction\_to\_HTML/Advanced\_text\_formatting\">Advanced text formatting</a></li>\n <li><a href=\"/en-US/docs/Learn/HTML/Introduction\_to\_HTML/Document\_and\_website\_structure\">Document and website structure</a></li>\n <li><a href=\"/en-US/docs/Learn/HTML/Introduction\_to\_HTML/Debugging\_HTML\">Debugging HTML</a></li>\n <li><a href=\"/en-US/docs/Learn/HTML/Introduction\_to\_HTML/Marking\_up\_a\_letter\">Assessment: Marking up a letter</a></li>\n <li><a href=\"/en-US/docs/Learn/HTML/Introduction\_to\_HTML/Structuring\_a\_page\_of\_content\">Assessment: Structuring a page of content</a></li>\n </ol>\n </details>\n </li>\n <li class=\"toggle\">\n <details>\n <summary>Multimedia and embedding</summary>\n <ol>\n <li><a href=\"/en-US/docs/Learn/HTML/Multimedia\_and\_embedding\">Multimedia and embedding overview</a></li>\n <li><a href=\"/en-US/docs/Learn/HTML/Multimedia\_and\_embedding/Images\_in\_HTML\">Images in HTML</a></li>\n <li><a href=\"/en-US/docs/Learn/HTML/Multimedia\_and\_embedding/Video\_and\_audio\_content\">Video and audio content</a></li>\n <li><a href=\"/en-US/docs/Learn/HTML/Multimedia\_and\_embedding/Other\_embedding\_technologies\">From object to iframe — other embedding technologies</a></li>\n <li><a href=\"/en-US/docs/Learn/HTML/Multimedia\_and\_embedding/Adding\_vector\_graphics\_to\_the\_Web\">Adding vector graphics to the web</a></li>\n <li><a href=\"/en-US/docs/Learn/HTML/Multimedia\_and\_embedding/Responsive\_images\">Responsive images</a></li>\n <li><a href=\"/en-US/docs/Learn/HTML/Multimedia\_and\_embedding/Mozilla\_splash\_page\">Assessment: Mozilla splash page</a></li>\n </ol>\n </details>\n </li>\n <li class=\"toggle\">\n <details>\n <summary>HTML tables</summary>\n <ol>\n <li><a href=\"/en-US/docs/Learn/HTML/Tables\">HTML tables overview</a></li>\n <li><a href=\"/en-US/docs/Learn/HTML/Tables/Basics\">HTML table basics</a></li>\n <li><a href=\"/en-US/docs/Learn/HTML/Tables/Advanced\">HTML table advanced features and accessibility</a></li>\n <li><a href=\"/en-US/docs/Learn/HTML/Tables/Structuring\_planet\_data\">Assessment: Structuring planet data</a></li>\n </ol>\n </details>\n </li>\n <li data-default-state=\"\"><a href=\"/en-US/docs/Learn/CSS\"><strong>CSS — Styling the web</strong></a></li>\n <li class=\"toggle\">\n <details>\n <summary>CSS first steps</summary>\n <ol>\n <li><a href=\"/en-US/docs/Learn/CSS/First\_steps\">CSS first steps overview</a></li>\n <li><a href=\"/en-US/docs/Learn/CSS/First\_steps/What\_is\_CSS\">What is CSS?</a></li>\n <li><a href=\"/en-US/docs/Learn/CSS/First\_steps/Getting\_started\">Getting started with CSS</a></li>\n <li><a href=\"/en-US/docs/Learn/CSS/First\_steps/How\_CSS\_is\_structured\">How CSS is structured</a></li>\n <li><a href=\"/en-US/docs/Learn/CSS/First\_steps/How\_CSS\_works\">How CSS works</a></li>\n <li><a href=\"/en-US/docs/Learn/CSS/First\_steps/Styling\_a\_biography\_page\">Assessment: Styling a biography page</a></li>\n </ol>\n </details>\n </li>\n <li class=\"toggle\">\n <details>\n <summary>CSS building blocks</summary>\n <ol>\n <li><a href=\"/en-US/docs/Learn/CSS/Building\_blocks\">CSS building blocks overview</a></li>\n <li><a href=\"/en-US/docs/Learn/CSS/Building\_blocks/Cascade\_and\_inheritance\">Cascade and inheritance</a></li>\n <li><a href=\"/en-US/docs/Learn/CSS/Building\_blocks/Selectors\">CSS selectors</a></li>\n <li><a href=\"/en-US/docs/Learn/CSS/Building\_blocks/The\_box\_model\">The box model</a></li>\n <li><a href=\"/en-US/docs/Learn/CSS/Building\_blocks/Backgrounds\_and\_borders\">Backgrounds and borders</a></li>\n <li><a href=\"/en-US/docs/Learn/CSS/Building\_blocks/Handling\_different\_text\_directions\">Handling different text directions</a></li>\n <li><a href=\"/en-US/docs/Learn/CSS/Building\_blocks/Overflowing\_content\">Overflowing content</a></li>\n <li><a href=\"/en-US/docs/Learn/CSS/Building\_blocks/Values\_and\_units\">CSS values and units</a></li>\n <li><a href=\"/en-US/docs/Learn/CSS/Building\_blocks/Sizing\_items\_in\_CSS\">Sizing items in CSS</a></li>\n <li><a href=\"/en-US/docs/Learn/CSS/Building\_blocks/Images\_media\_form\_elements\">Images, media, and form elements</a></li>\n <li><a href=\"/en-US/docs/Learn/CSS/Building\_blocks/Styling\_tables\">Styling tables</a></li>\n <li><a href=\"/en-US/docs/Learn/CSS/Building\_blocks/Debugging\_CSS\">Debugging CSS</a></li>\n <li><a href=\"/en-US/docs/Learn/CSS/Building\_blocks/Organizing\">Organizing your CSS</a></li>\n <li><a href=\"/en-US/docs/Learn/CSS/Building\_blocks/Fundamental\_CSS\_comprehension\">Assessment: Fundamental CSS comprehension</a></li>\n <li><a href=\"/en-US/docs/Learn/CSS/Building\_blocks/Creating\_fancy\_letterheaded\_paper\">Assessment: Creating fancy letterheaded paper</a></li>\n <li><a href=\"/en-US/docs/Learn/CSS/Building\_blocks/A\_cool\_looking\_box\">Assessment: A cool-looking box</a></li>\n </ol></details>\n </li>\n <li class=\"toggle\">\n <details>\n <summary>Styling text</summary>\n <ol>\n <li><a href=\"/en-US/docs/Learn/CSS/Styling\_text\">Styling text overview</a></li>\n <li><a href=\"/en-US/docs/Learn/CSS/Styling\_text/Fundamentals\">Fundamental text and font styling</a></li>\n <li><a href=\"/en-US/docs/Learn/CSS/Styling\_text/Styling\_lists\">Styling lists</a></li>\n <li><a href=\"/en-US/docs/Learn/CSS/Styling\_text/Styling\_links\">Styling links</a></li>\n <li><a href=\"/en-US/docs/Learn/CSS/Styling\_text/Web\_fonts\">Web fonts</a></li>\n <li><a href=\"/en-US/docs/Learn/CSS/Styling\_text/Typesetting\_a\_homepage\">Assessment: Typesetting a community school homepage</a></li>\n </ol>\n </details>\n </li>\n <li class=\"toggle\">\n <details>\n <summary>CSS layout</summary>\n <ol>\n <li><a href=\"/en-US/docs/Learn/CSS/CSS\_layout\">CSS layout overview</a></li>\n <li><a href=\"/en-US/docs/Learn/CSS/CSS\_layout/Introduction\">Introduction to CSS layout</a></li>\n <li><a href=\"/en-US/docs/Learn/CSS/CSS\_layout/Normal\_Flow\">Normal Flow</a></li>\n <li><a href=\"/en-US/docs/Learn/CSS/CSS\_layout/Flexbox\">Flexbox</a></li>\n <li><a href=\"/en-US/docs/Learn/CSS/CSS\_layout/Grids\">Grids</a></li>\n <li><a href=\"/en-US/docs/Learn/CSS/CSS\_layout/Floats\">Floats</a></li>\n <li><a href=\"/en-US/docs/Learn/CSS/CSS\_layout/Positioning\">Positioning</a></li>\n <li><a href=\"/en-US/docs/Learn/CSS/CSS\_layout/Multiple-column\_Layout\">Multiple-column layout</a></li>\n <li><a href=\"/en-US/docs/Learn/CSS/CSS\_layout/Responsive\_Design\">Responsive design</a></li>\n <li><a href=\"/en-US/docs/Learn/CSS/CSS\_layout/Media\_queries\">Beginner's guide to media queries</a></li>\n <li><a href=\"/en-US/docs/Learn/CSS/CSS\_layout/Legacy\_Layout\_Methods\">Legacy layout methods</a></li>\n <li><a href=\"/en-US/docs/Learn/CSS/CSS\_layout/Supporting\_Older\_Browsers\">Supporting older browsers</a></li>\n <li><a href=\"/en-US/docs/Learn/CSS/CSS\_layout/Fundamental\_Layout\_Comprehension\">Assessment: Fundamental layout comprehension</a></li>\n </ol>\n </details>\n </li>\n <li data-default-state=\"\"><a href=\"/en-US/docs/Learn/JavaScript\"><strong>JavaScript — Dynamic client-side scripting</strong></a></li>\n <li class=\"toggle\">\n <details>\n <summary>JavaScript first steps</summary>\n <ol>\n <li><a href=\"/en-US/docs/Learn/JavaScript/First\_steps\">JavaScript first steps overview</a></li>\n <li><a href=\"/en-US/docs/Learn/JavaScript/First\_steps/What\_is\_JavaScript\">What is JavaScript?</a></li>\n <li><a href=\"/en-US/docs/Learn/JavaScript/First\_steps/A\_first\_splash\">A first splash into JavaScript</a></li>\n <li><a href=\"/en-US/docs/Learn/JavaScript/First\_steps/What\_went\_wrong\">What went wrong? Troubleshooting JavaScript</a></li>\n <li><a href=\"/en-US/docs/Learn/JavaScript/First\_steps/Variables\">Storing the information you need — Variables</a></li>\n <li><a href=\"/en-US/docs/Learn/JavaScript/First\_steps/Math\">Basic math in JavaScript — Numbers and operators</a></li>\n <li><a href=\"/en-US/docs/Learn/JavaScript/First\_steps/Strings\">Handling text — Strings in JavaScript</a></li>\n <li><a href=\"/en-US/docs/Learn/JavaScript/First\_steps/Useful\_string\_methods\">Useful string methods</a></li>\n <li><a href=\"/en-US/docs/Learn/JavaScript/First\_steps/Arrays\">Arrays</a></li>\n <li><a href=\"/en-US/docs/Learn/JavaScript/First\_steps/Silly\_story\_generator\">Assessment: Silly story generator</a></li>\n </ol>\n </details>\n </li>\n <li class=\"toggle\">\n <details>\n <summary>JavaScript building blocks</summary>\n <ol>\n <li><a href=\"/en-US/docs/Learn/JavaScript/Building\_blocks\">JavaScript building blocks overview</a></li>\n <li><a href=\"/en-US/docs/Learn/JavaScript/Building\_blocks/conditionals\">Making decisions in your code — Conditionals</a></li>\n <li><a href=\"/en-US/docs/Learn/JavaScript/Building\_blocks/Looping\_code\">Looping code</a></li>\n <li><a href=\"/en-US/docs/Learn/JavaScript/Building\_blocks/Functions\">Functions — Reusable blocks of code</a></li>\n <li><a href=\"/en-US/docs/Learn/JavaScript/Building\_blocks/Build\_your\_own\_function\">Build your own function</a></li>\n <li><a href=\"/en-US/docs/Learn/JavaScript/Building\_blocks/Return\_values\">Function return values</a></li>\n <li><a href=\"/en-US/docs/Learn/JavaScript/Building\_blocks/Events\">Introduction to events</a></li>\n <li><a href=\"/en-US/docs/Learn/JavaScript/Building\_blocks/Image\_gallery\">Assessment: Image gallery</a></li>\n </ol>\n </details>\n </li>\n <li class=\"toggle\">\n <details>\n <summary>Introducing JavaScript objects</summary>\n <ol>\n <li><a href=\"/en-US/docs/Learn/JavaScript/Objects\">Introducing JavaScript objects overview</a></li>\n <li><a href=\"/en-US/docs/Learn/JavaScript/Objects/Basics\">Object basics</a></li>\n <li><a href=\"/en-US/docs/Learn/JavaScript/Objects/Object\_prototypes\">Object prototypes</a></li>\n <li><a href=\"/en-US/docs/Learn/JavaScript/Objects/Object-oriented\_programming\">Object-oriented programming concepts</a></li>\n <li><a href=\"/en-US/docs/Learn/JavaScript/Objects/Classes\_in\_JavaScript\">Classes in JavaScript</a></li>\n <li><a href=\"/en-US/docs/Learn/JavaScript/Objects/JSON\">Working with JSON data</a></li>\n <li><a href=\"/en-US/docs/Learn/JavaScript/Objects/Object\_building\_practice\">Object building practice</a></li>\n <li><a href=\"/en-US/docs/Learn/JavaScript/Objects/Adding\_bouncing\_balls\_features\">Assessment: Adding features to our bouncing balls demo</a></li>\n </ol>\n </details>\n </li>\n <li class=\"toggle\">\n <details>\n <summary>Asynchronous JavaScript</summary>\n <ol>\n <li><a href=\"/en-US/docs/Learn/JavaScript/Asynchronous\">Asynchronous JavaScript overview</a></li>\n <li><a href=\"/en-US/docs/Learn/JavaScript/Asynchronous/Introducing\">Introducing asynchronous JavaScript</a></li>\n <li><a href=\"/en-US/docs/Learn/JavaScript/Asynchronous/Promises\">How to use promises</a></li>\n <li><a href=\"/en-US/docs/Learn/JavaScript/Asynchronous/Implementing\_a\_promise-based\_API\">Implementing a promise-based API</a></li>\n <li><a href=\"/en-US/docs/Learn/JavaScript/Asynchronous/Introducing\_workers\">Introducing workers</a></li>\n <li><a href=\"/en-US/docs/Learn/JavaScript/Asynchronous/Sequencing\_animations\">Assessment: sequencing animations</a></li>\n </ol>\n </details>\n </li>\n <li class=\"toggle\">\n <details>\n <summary>Client-side web APIs</summary>\n <ol>\n <li><a href=\"/en-US/docs/Learn/JavaScript/Client-side\_web\_APIs\">Client-side web APIs</a></li>\n <li><a href=\"/en-US/docs/Learn/JavaScript/Client-side\_web\_APIs/Introduction\">Introduction to web APIs</a></li>\n <li><a href=\"/en-US/docs/Learn/JavaScript/Client-side\_web\_APIs/Manipulating\_documents\">Manipulating documents</a></li>\n <li><a href=\"/en-US/docs/Learn/JavaScript/Client-side\_web\_APIs/Fetching\_data\">Fetching data from the server</a></li>\n <li><a href=\"/en-US/docs/Learn/JavaScript/Client-side\_web\_APIs/Third\_party\_APIs\">Third party APIs</a></li>\n <li><a href=\"/en-US/docs/Learn/JavaScript/Client-side\_web\_APIs/Drawing\_graphics\">Drawing graphics</a></li>\n <li><a href=\"/en-US/docs/Learn/JavaScript/Client-side\_web\_APIs/Video\_and\_audio\_APIs\">Video and audio APIs</a></li>\n <li><a href=\"/en-US/docs/Learn/JavaScript/Client-side\_web\_APIs/Client-side\_storage\">Client-side storage</a></li>\n </ol>\n </details>\n </li>\n <li><a href=\"/en-US/docs/Learn/Forms\"><strong>Web forms — Working with user data</strong></a></li>\n <li class=\"toggle\">\n <details>\n <summary>Core forms learning pathway</summary>\n <ol>\n <li><a href=\"/en-US/docs/Learn/Forms\">Web forms overview</a></li>\n <li><a href=\"/en-US/docs/Learn/Forms/Your\_first\_form\">Your first form</a></li>\n <li><a href=\"/en-US/docs/Learn/Forms/How\_to\_structure\_a\_web\_form\">How to structure a web form</a></li>\n <li><a href=\"/en-US/docs/Learn/Forms/Basic\_native\_form\_controls\">Basic native form controls</a></li>\n <li><a href=\"/en-US/docs/Learn/Forms/HTML5\_input\_types\">The HTML5 input types</a></li>\n <li><a href=\"/en-US/docs/Learn/Forms/Other\_form\_controls\">Other form controls</a></li>\n <li><a href=\"/en-US/docs/Learn/Forms/Styling\_web\_forms\">Styling web forms</a></li>\n <li><a href=\"/en-US/docs/Learn/Forms/Advanced\_form\_styling\">Advanced form styling</a></li>\n <li><a href=\"/en-US/docs/Learn/Forms/UI\_pseudo-classes\">UI pseudo-classes</a></li>\n <li><a href=\"/en-US/docs/Learn/Forms/Form\_validation\">Client-side form validation</a></li>\n <li><a href=\"/en-US/docs/Learn/Forms/Sending\_and\_retrieving\_form\_data\">Sending form data</a></li>\n </ol>\n </details>\n </li>\n <li class=\"toggle\">\n <details>\n <summary>Advanced forms articles</summary>\n <ol>\n <li><a href=\"/en-US/docs/Learn/Forms/How\_to\_build\_custom\_form\_controls\">How to build custom form controls</a></li>\n <li><a href=\"/en-US/docs/Learn/Forms/Sending\_forms\_through\_JavaScript\">Sending forms through JavaScript</a></li>\n <li><a href=\"/en-US/docs/Learn/Forms/Property\_compatibility\_table\_for\_form\_controls\">CSS property compatibility table for form controls</a></li>\n </ol>\n </details>\n </li>\n <li><a href=\"/en-US/docs/Learn/Accessibility\"><strong>Accessibility — Make the web usable by everyone</strong></a></li>\n <li class=\"toggle\">\n <details>\n <summary>Accessibility guides</summary>\n <ol>\n <li><a href=\"/en-US/docs/Learn/Accessibility\">Accessibility overview</a></li>\n <li><a href=\"/en-US/docs/Learn/Accessibility/What\_is\_accessibility\">What is accessibility?</a></li>\n <li><a href=\"/en-US/docs/Learn/Accessibility/HTML\">HTML: A good basis for accessibility</a></li>\n <li><a href=\"/en-US/docs/Learn/Accessibility/CSS\_and\_JavaScript\">CSS and JavaScript accessibility best practices</a></li>\n <li><a href=\"/en-US/docs/Learn/Accessibility/WAI-ARIA\_basics\">WAI-ARIA basics</a></li>\n <li><a href=\"/en-US/docs/Learn/Accessibility/Multimedia\">Accessible multimedia</a></li>\n <li><a href=\"/en-US/docs/Learn/Accessibility/Mobile\">Mobile accessibility</a></li>\n </ol>\n </details>\n </li>\n <li class=\"toggle\">\n <details>\n <summary>Accessibility assessment</summary>\n <ol>\n <li><a href=\"/en-US/docs/Learn/Accessibility/Accessibility\_troubleshooting\">Assessment: Accessibility troubleshooting</a></li>\n </ol>\n </details>\n </li>\n <li><a href=\"/en-US/docs/Learn/Tools\_and\_testing\"><strong>Tools and testing</strong></a></li>\n <li class=\"toggle\">\n <details>\n <summary>Client-side web development tools</summary>\n <ol>\n <li><a href=\"/en-US/docs/Learn/Tools\_and\_testing/Understanding\_client-side\_tools\">Client-side web development tools index</a></li>\n <li><a href=\"/en-US/docs/Learn/Tools\_and\_testing/Understanding\_client-side\_tools/Overview\">Client-side tooling overview</a></li>\n <li><a href=\"/en-US/docs/Learn/Tools\_and\_testing/Understanding\_client-side\_tools/Command\_line\">Command line crash course</a></li>\n <li><a href=\"/en-US/docs/Learn/Tools\_and\_testing/Understanding\_client-side\_tools/Package\_management\">Package management basics</a></li>\n <li><a href=\"/en-US/docs/Learn/Tools\_and\_testing/Understanding\_client-side\_tools/Introducing\_complete\_toolchain\">Introducing a complete toolchain</a></li>\n <li><a href=\"/en-US/docs/Learn/Tools\_and\_testing/Understanding\_client-side\_tools/Deployment\">Deploying our app</a></li>\n </ol>\n </details>\n </li>\n <li class=\"toggle\">\n <details>\n <summary>Introduction to client-side frameworks</summary>\n <ol>\n <li><a href=\"/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Introduction\">Client-side frameworks overview</a></li>\n <li><a href=\"/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Main\_features\">Framework main features</a></li>\n </ol>\n </details>\n </li>\n <li class=\"toggle\">\n <details>\n <summary>React</summary>\n <ol>\n <li><a href=\"/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/React\_getting\_started\">Getting started with React</a></li>\n <li><a href=\"/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/React\_todo\_list\_beginning\">Beginning our React todo list</a></li>\n <li><a href=\"/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/React\_components\">Componentizing our React app</a></li>\n <li><a href=\"/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/React\_interactivity\_events\_state\">React interactivity: Events and state</a></li>\n <li><a href=\"/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/React\_interactivity\_filtering\_conditional\_rendering\">React interactivity: Editing, filtering, conditional rendering</a></li>\n <li><a href=\"/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/React\_accessibility\">Accessibility in React</a></li>\n <li><a href=\"/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/React\_resources\">React resources</a></li>\n </ol>\n </details>\n </li>\n <li class=\"toggle\">\n <details>\n <summary>Ember</summary>\n <ol>\n <li><a href=\"/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Ember\_getting\_started\">Getting started with Ember</a></li>\n <li><a href=\"/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Ember\_structure\_componentization\">Ember app structure and componentization</a></li>\n <li><a href=\"/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Ember\_interactivity\_events\_state\">Ember interactivity: Events, classes and state</a></li>\n <li><a href=\"/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Ember\_conditional\_footer\">Ember Interactivity: Footer functionality, conditional rendering</a></li>\n <li><a href=\"/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Ember\_routing\">Routing in Ember</a></li>\n <li><a href=\"/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Ember\_resources\">Ember resources and troubleshooting</a></li>\n </ol>\n </details>\n </li>\n <li class=\"toggle\">\n <details>\n <summary>Vue</summary>\n <ol>\n <li><a href=\"/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Vue\_getting\_started\">Getting started with Vue</a></li>\n <li><a href=\"/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Vue\_first\_component\">Creating our first Vue component</a></li>\n <li><a href=\"/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Vue\_rendering\_lists\">Rendering a list of Vue components</a></li>\n <li><a href=\"/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Vue\_methods\_events\_models\">Adding a new todo form: Vue events, methods, and models</a></li>\n <li><a href=\"/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Vue\_styling\">Styling Vue components with CSS</a></li>\n <li><a href=\"/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Vue\_computed\_properties\">Using Vue computed properties</a></li>\n <li><a href=\"/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Vue\_conditional\_rendering \">Vue conditional rendering: editing existing todos</a></li>\n <li><a href=\"/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Vue\_refs\_focus\_management\">Focus management with Vue refs</a></li>\n <li><a href=\"/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Vue\_resources\">Vue resources</a></li>\n </ol>\n </details>\n </li>\n <li class=\"toggle\">\n <details>\n <summary>Svelte</summary>\n <ol>\n <li><a href=\"/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Svelte\_getting\_started\">Getting started with Svelte</a></li>\n <li><a href=\"/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Svelte\_Todo\_list\_beginning\">Starting our Svelte Todo list app</a></li>\n <li><a href=\"/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Svelte\_variables\_props\">Dynamic behavior in Svelte: working with variables and props</a></li>\n <li><a href=\"/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Svelte\_components\">Componentizing our Svelte app</a></li>\n <li><a href=\"/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Svelte\_reactivity\_lifecycle\_accessibility\">Advanced Svelte: Reactivity, lifecycle, accessibility</a></li>\n <li><a href=\"/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Svelte\_stores\">Working with Svelte stores</a></li>\n <li><a href=\"/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Svelte\_TypeScript \">TypeScript support in Svelte</a></li>\n <li><a href=\"/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Svelte\_deployment\_next\">Deployment and next steps</a></li>\n </ol>\n </details>\n </li>\n <li class=\"toggle\">\n <details>\n <summary>Angular</summary>\n <ol>\n <li><a href=\"/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Angular\_getting\_started\">Getting started with Angular</a></li>\n <li><a href=\"/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Angular\_todo\_list\_beginning\">Beginning our Angular todo list app</a></li>\n <li><a href=\"/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Angular\_styling\">Styling our Angular app</a></li>\n <li><a href=\"/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Angular\_item\_component\">Creating an item component</a></li>\n <li><a href=\"/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Angular\_filtering\">Filtering our to-do items</a></li>\n <li><a href=\"/en-US/docs/Learn/Tools\_and\_testing/Client-side\_JavaScript\_frameworks/Angular\_building\">Building Angular applications and further resources</a></li>\n </ol>\n </details>\n </li>\n <li class=\"toggle\">\n <details>\n <summary>Git and GitHub</summary>\n <ol>\n <li><a href=\"/en-US/docs/Learn/Tools\_and\_testing/GitHub\">Git and GitHub overview</a></li>\n <li><a href=\"https://guides.github.com/activities/hello-world/\">Hello World</a></li>\n <li><a href=\"https://guides.github.com/introduction/git-handbook/\">Git Handbook</a></li>\n <li><a href=\"https://guides.github.com/activities/forking/\">Forking Projects</a></li>\n <li><a href=\"https://help.github.com/en/github/collaborating-with-issues-and-pull-requests/about-pull-requests\">About pull requests</a></li>\n <li><a href=\"https://guides.github.com/features/issues/\">Mastering Issues</a></li>\n </ol>\n </details>\n </li>\n <li class=\"toggle\">\n <details>\n <summary>Cross browser testing</summary>\n <ol>\n <li><a href=\"/en-US/docs/Learn/Tools\_and\_testing/Cross\_browser\_testing\">Cross browser testing overview</a></li>\n <li><a href=\"/en-US/docs/Learn/Tools\_and\_testing/Cross\_browser\_testing/Introduction\">Introduction to cross browser testing</a></li>\n <li><a href=\"/en-US/docs/Learn/Tools\_and\_testing/Cross\_browser\_testing/Testing\_strategies\">Strategies for carrying out testing</a></li>\n <li><a href=\"/en-US/docs/Learn/Tools\_and\_testing/Cross\_browser\_testing/HTML\_and\_CSS\">Handling common HTML and CSS problems</a></li>\n <li><a href=\"/en-US/docs/Learn/Tools\_and\_testing/Cross\_browser\_testing/JavaScript\">Handling common JavaScript problems</a></li>\n <li><a href=\"/en-US/docs/Learn/Tools\_and\_testing/Cross\_browser\_testing/Accessibility\">Handling common accessibility problems</a></li>\n <li><a href=\"/en-US/docs/Learn/Tools\_and\_testing/Cross\_browser\_testing/Feature\_detection\">Implementing feature detection</a></li>\n <li><a href=\"/en-US/docs/Learn/Tools\_and\_testing/Cross\_browser\_testing/Automated\_testing\">Introduction to automated testing</a></li>\n <li><a href=\"/en-US/docs/Learn/Tools\_and\_testing/Cross\_browser\_testing/Your\_own\_automation\_environment\">Setting up your own test automation environment</a></li>\n </ol>\n </details>\n </li>\n <li data-default-state=\"\"><a href=\"/en-US/docs/Learn/Server-side\"><strong>Server-side website programming</strong></a></li>\n <li class=\"toggle\">\n <details>\n <summary>First steps</summary>\n <ol>\n <li><a href=\"/en-US/docs/Learn/Server-side/First\_steps\">First steps overview</a></li>\n <li><a href=\"/en-US/docs/Learn/Server-side/First\_steps/Introduction\">Introduction to the server-side</a></li>\n <li><a href=\"/en-US/docs/Learn/Server-side/First\_steps/Client-Server\_overview\">Client-Server overview</a></li>\n <li><a href=\"/en-US/docs/Learn/Server-side/First\_steps/Web\_frameworks\">Server-side web frameworks</a></li>\n <li><a href=\"/en-US/docs/Learn/Server-side/First\_steps/Website\_security\">Website security</a></li>\n </ol>\n </details>\n </li>\n <li class=\"toggle\">\n <details>\n <summary>Django web framework (Python)</summary>\n <ol>\n <li><a href=\"/en-US/docs/Learn/Server-side/Django\">Django web framework (Python) overview</a></li>\n <li><a href=\"/en-US/docs/Learn/Server-side/Django/Introduction\">Introduction</a></li>\n <li><a href=\"/en-US/docs/Learn/Server-side/Django/development\_environment\">Setting up a development environment</a></li>\n <li><a href=\"/en-US/docs/Learn/Server-side/Django/Tutorial\_local\_library\_website\">Tutorial: The Local Library website</a></li>\n <li><a href=\"/en-US/docs/Learn/Server-side/Django/skeleton\_website\">Tutorial Part 2: Creating a skeleton website</a></li>\n <li><a href=\"/en-US/docs/Learn/Server-side/Django/Models\">Tutorial Part 3: Using models</a></li>\n <li><a href=\"/en-US/docs/Learn/Server-side/Django/Admin\_site\">Tutorial Part 4: Django admin site</a></li>\n <li><a href=\"/en-US/docs/Learn/Server-side/Django/Home\_page\">Tutorial Part 5: Creating our home page</a></li>\n <li><a href=\"/en-US/docs/Learn/Server-side/Django/Generic\_views\">Tutorial Part 6: Generic list and detail views</a></li>\n <li><a href=\"/en-US/docs/Learn/Server-side/Django/Sessions\">Tutorial Part 7: Sessions framework</a></li>\n <li><a href=\"/en-US/docs/Learn/Server-side/Django/Authentication\">Tutorial Part 8: User authentication and permissions</a></li>\n <li><a href=\"/en-US/docs/Learn/Server-side/Django/Forms\">Tutorial Part 9: Working with forms</a></li>\n <li><a href=\"/en-US/docs/Learn/Server-side/Django/Testing\">Tutorial Part 10: Testing a Django web application</a></li>\n <li><a href=\"/en-US/docs/Learn/Server-side/Django/Deployment\">Tutorial Part 11: Deploying Django to production</a></li>\n <li><a href=\"/en-US/docs/Learn/Server-side/Django/web\_application\_security\">Web application security</a></li>\n <li><a href=\"/en-US/docs/Learn/Server-side/Django/django\_assessment\_blog\">Assessment: DIY mini blog</a></li>\n </ol>\n </details>\n </li>\n <li class=\"toggle\">\n <details>\n <summary>Express Web Framework (node.js/JavaScript)</summary>\n <ol>\n <li><a href=\"/en-US/docs/Learn/Server-side/Express\_Nodejs\">Express Web Framework (Node.js/JavaScript) overview</a></li>\n <li><a href=\"/en-US/docs/Learn/Server-side/Express\_Nodejs/Introduction\">Express/Node introduction</a></li>\n <li><a href=\"/en-US/docs/Learn/Server-side/Express\_Nodejs/development\_environment\">Setting up a Node (Express) development environment</a></li>\n <li><a href=\"/en-US/docs/Learn/Server-side/Express\_Nodejs/Tutorial\_local\_library\_website\">Express tutorial: The Local Library website</a></li>\n <li><a href=\"/en-US/docs/Learn/Server-side/Express\_Nodejs/skeleton\_website\">Express Tutorial Part 2: Creating a skeleton website</a></li>\n <li><a href=\"/en-US/docs/Learn/Server-side/Express\_Nodejs/mongoose\">Express Tutorial Part 3: Using a database (with Mongoose)</a></li>\n <li><a href=\"/en-US/docs/Learn/Server-side/Express\_Nodejs/routes\">Express Tutorial Part 4: Routes and controllers</a></li>\n <li><a href=\"/en-US/docs/Learn/Server-side/Express\_Nodejs/Displaying\_data\">Express Tutorial Part 5: Displaying library data</a></li>\n <li><a href=\"/en-US/docs/Learn/Server-side/Express\_Nodejs/forms\">Express Tutorial Part 6: Working with forms</a></li>\n <li><a href=\"/en-US/docs/Learn/Server-side/Express\_Nodejs/deployment\">Express Tutorial Part 7: Deploying to production</a></li>\n </ol>\n </details>\n </li>\n <li><a href=\"#\"><strong>Further resources</strong></a></li>\n <li class=\"toggle\">\n <details>\n <summary>Common questions</summary>\n <ol>\n <li><a href=\"/en-US/docs/Learn/HTML/Howto\">HTML questions</a></li>\n <li><a href=\"/en-US/docs/Learn/CSS/Howto\">CSS questions</a></li>\n <li><a href=\"/en-US/docs/Learn/JavaScript/Howto\">JavaScript questions</a></li>\n <li><a href=\"/en-US/docs/Learn/Common\_questions#Web\_mechanics\">Web mechanics</a></li>\n <li><a href=\"/en-US/docs/Learn/Common\_questions#Tools\_and\_setup\">Tools and setup</a></li>\n <li><a href=\"/en-US/docs/Learn/Common\_questions#Design\_and\_accessibility\">Design and accessibility</a></li>\n </ol>\n </details>\n </li>\n</ol>\n\n","body":[{"type":"prose","value":{"id":null,"title":null,"isH3":false,"content":"<ul class=\"prev-next\">\n <li><a class=\"button secondary\" href=\"/en-US/docs/Learn/HTML/Introduction\_to\_HTML/HTML\_text\_fundamentals\"><span class=\"button-wrap\"> Previous </span></a></li>\n <li><a class=\"button secondary\" href=\"/en-US/docs/Learn/HTML/Introduction\_to\_HTML\"><span class=\"button-wrap\"> Overview: Introduction to HTML</span></a></li>\n <li><a class=\"button secondary\" href=\"/en-US/docs/Learn/HTML/Introduction\_to\_HTML/Advanced\_text\_formatting\"><span class=\"button-wrap\"> Next </span></a></li>\n</ul>\n<p>\n Hyperlinks are really important — they are what makes the Web <em>a web</em>.\n This article shows the syntax required to make a link, and discusses link best practices.\n</p>\n<div class=\"table-scroll\"><table>\n <tbody>\n <tr>\n <th scope=\"row\">Prerequisites:</th>\n <td>\n Basic HTML familiarity, as covered in\n <a href=\"/en-US/docs/Learn/HTML/Introduction\_to\_HTML/Getting\_started\">Getting started with HTML</a>. HTML text formatting, as covered in\n <a href=\"/en-US/docs/Learn/HTML/Introduction\_to\_HTML/HTML\_text\_fundamentals\">HTML text fundamentals</a>.\n </td>\n </tr>\n <tr>\n <th scope=\"row\">Objective:</th>\n <td>\n To learn how to implement a hyperlink effectively, and link multiple\n files together.\n </td>\n </tr>\n </tbody>\n</table></div>"}},{"type":"prose","value":{"id":"what\_is\_a\_hyperlink","title":"What is a hyperlink?","isH3":false,"content":"<p>\n Hyperlinks are one of the most exciting innovations the Web has to offer.\n They've been a feature of the Web since the beginning, and are what makes the Web <em>a web.</em>\n Hyperlinks allow us to link documents to other documents or resources, link to specific parts of documents, or make apps available at a web address.\n Almost any web content can be converted to a link so that when clicked or otherwise activated the web browser goes to another web address (<a href=\"/en-US/docs/Glossary/URL\">URL</a>).\n</p>\n<div class=\"notecard note\" id=\"sect1\">\n <p>\n <strong>Note:</strong> A URL can point to HTML files, text files, images, text documents, video and audio files, or anything else that lives on the Web.\n If the web browser doesn't know how to display or handle the file, it will ask you if you want to open the file (in which case the duty of opening or handling the file is passed to a suitable native app on the device) or download the file (in which case you can try to deal with it later on).\n </p>\n</div>\n<p>For example, the BBC homepage contains many links that point not only to multiple news stories, but also different areas of the site (navigation functionality), login/registration pages (user tools), and more.</p>\n<p>\n <img src=\"/en-US/docs/Learn/HTML/Introduction\_to\_HTML/Creating\_hyperlinks/updated-bbc-website.png\" alt=\"front page of bbc.co.uk, showing many news items, and navigation menu functionality\" width=\"700\" height=\"455\" loading=\"lazy\">\n</p>"}},{"type":"prose","value":{"id":"anatomy\_of\_a\_link","title":"Anatomy of a link","isH3":false,"content":"<p>A basic link is created by wrapping the text or other content, see <a href=\"#block\_level\_links\">Block level links</a>, inside an <a href=\"/en-US/docs/Web/HTML/Element/a\"><code>&lt;a&gt;</code></a> element and using the <a href=\"/en-US/docs/Web/HTML/Element/a#attr-href\"><code>href</code></a> attribute, also known as a <strong>Hypertext Reference</strong>, or <strong>target</strong>, that contains the web address.</p>\n<div class=\"code-example\"><pre class=\"brush: html notranslate\"><code><span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;</span>p</span><span class=\"token punctuation\">&gt;</span></span>I'm creating a link to\n<span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;</span>a</span> <span class=\"token attr-name\">href</span><span class=\"token attr-value\"><span class=\"token punctuation attr-equals\">=</span><span class=\"token punctuation\">\"</span>https://www.mozilla.org/en-US/<span class=\"token punctuation\">\"</span></span><span class=\"token punctuation\">&gt;</span></span>the Mozilla homepage<span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;/</span>a</span><span class=\"token punctuation\">&gt;</span></span>.\n<span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;/</span>p</span><span class=\"token punctuation\">&gt;</span></span>\n</code></pre></div>\n<p>This gives us the following result:</p>\n<p>I'm creating a link to <a href=\"https://www.mozilla.org/en-US/\" class=\"external\" rel=\" noopener\">the Mozilla homepage</a>.</p>"}},{"type":"prose","value":{"id":"adding\_supporting\_information\_with\_the\_title\_attribute","title":"Adding supporting information with the title attribute","isH3":true,"content":"<p>\n Another attribute you may want to add to your links is <code>title</code>.\n The title contains additional information about the link, such as which kind of information the page contains, or things to be aware of on the web site.\n</p>\n<div class=\"code-example\"><pre class=\"brush: html notranslate\"><code><span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;</span>p</span><span class=\"token punctuation\">&gt;</span></span>I'm creating a link to\n<span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;</span>a</span> <span class=\"token attr-name\">href</span><span class=\"token attr-value\"><span class=\"token punctuation attr-equals\">=</span><span class=\"token punctuation\">\"</span>https://www.mozilla.org/en-US/<span class=\"token punctuation\">\"</span></span>\n <span class=\"token attr-name\">title</span><span class=\"token attr-value\"><span class=\"token punctuation attr-equals\">=</span><span class=\"token punctuation\">\"</span>The best place to find more information about Mozilla<span class=\"token punctuation\">'</span>s\n mission and how to contribute<span class=\"token punctuation\">\"</span></span><span class=\"token punctuation\">&gt;</span></span>the Mozilla homepage<span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;/</span>a</span><span class=\"token punctuation\">&gt;</span></span>.\n<span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;/</span>p</span><span class=\"token punctuation\">&gt;</span></span>\n</code></pre></div>\n<p>This gives us the following result and hovering over the link displays the title as a tooltip:</p>\n<p>I'm creating a link to <a href=\"https://www.mozilla.org/en-US/\" title=\"The best place to find more information about Mozilla's mission and how to contribute\" class=\"external\" rel=\" noopener\">the Mozilla homepage</a>.</p>\n<div class=\"notecard note\" id=\"sect2\">\n <p>\n <strong>Note:</strong> A link title is only revealed on mouse hover, which means that people relying on keyboard controls or touchscreens to navigate web pages will have difficulty accessing title information.\n If a title's information is truly important to the usability of the page, then you should present it in a manner that will be accessible to all users, for example by putting it in the regular text.\n </p>\n</div>"}},{"type":"prose","value":{"id":"active\_learning\_creating\_your\_own\_example\_link","title":"Active learning: creating your own example link","isH3":true,"content":"<p>Create an HTML document using your local code editor and our <a href=\"https://github.com/mdn/learning-area/blob/main/html/introduction-to-html/getting-started/index.html\" class=\"external\" rel=\" noopener\">getting started template</a>.</p>\n<ul>\n <li>Inside the HTML body, add one or more paragraphs or other types of content you already know about.</li>\n <li>Change some of the content into links.</li>\n <li>Include title attributes.</li>\n</ul>"}},{"type":"prose","value":{"id":"block\_level\_links","title":"Block level links","isH3":true,"content":"<p>\n As mentioned before, almost any content can be made into a link, even <a href=\"/en-US/docs/Learn/HTML/Introduction\_to\_HTML/Getting\_started#block\_versus\_inline\_elements\">block-level elements</a>.\n If you have an image you want to make into a link, use the <a href=\"/en-US/docs/Web/HTML/Element/a\"><code>&lt;a&gt;</code></a> element and reference the image file with the <a href=\"/en-US/docs/Web/HTML/Element/img\"><code>&lt;img&gt;</code></a> element.\n</p>\n<div class=\"code-example\"><pre class=\"brush: html notranslate\"><code><span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;</span>a</span> <span class=\"token attr-name\">href</span><span class=\"token attr-value\"><span class=\"token punctuation attr-equals\">=</span><span class=\"token punctuation\">\"</span>https://www.mozilla.org/en-US/<span class=\"token punctuation\">\"</span></span><span class=\"token punctuation\">&gt;</span></span>\n <span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;</span>img</span> <span class=\"token attr-name\">src</span><span class=\"token attr-value\"><span class=\"token punctuation attr-equals\">=</span><span class=\"token punctuation\">\"</span>mozilla-image.png<span class=\"token punctuation\">\"</span></span> <span class=\"token attr-name\">alt</span><span class=\"token attr-value\"><span class=\"token punctuation attr-equals\">=</span><span class=\"token punctuation\">\"</span>mozilla logo that links to the Mozilla homepage<span class=\"token punctuation\">\"</span></span><span class=\"token punctuation\">&gt;</span></span>\n<span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;/</span>a</span><span class=\"token punctuation\">&gt;</span></span>\n</code></pre></div>\n<div class=\"notecard note\" id=\"sect3\">\n <p><strong>Note:</strong> You'll find out more about using images on the Web in a future article.</p>\n</div>"}},{"type":"prose","value":{"id":"a\_quick\_primer\_on\_urls\_and\_paths","title":"A quick primer on URLs and paths","isH3":false,"content":"<p>To fully understand link targets, you need to understand URLs and file paths. This section gives you the information you need to achieve this.</p>\n<p>A URL, or Uniform Resource Locator is a string of text that defines where something is located on the Web. For example, Mozilla's English homepage is located at <code>https://www.mozilla.org/en-US/</code>.</p>\n<p>URLs use paths to find files. Paths specify where the file you're interested in is located in the filesystem. Let's look at an example of a directory structure, see the <a href=\"https://github.com/mdn/learning-area/tree/main/html/introduction-to-html/creating-hyperlinks\" class=\"external\" rel=\" noopener\">creating-hyperlinks</a> directory.</p>\n<p>\n <img src=\"/en-US/docs/Learn/HTML/Introduction\_to\_HTML/Creating\_hyperlinks/simple-directory.png\" alt=\"A simple directory structure. The parent directory is called creating-hyperlinks and contains two files called index.html and contacts.html, and two directories called projects and pdfs, which contain an index.html and a project-brief.pdf file, respectively\" width=\"882\" height=\"548\" loading=\"lazy\">\n</p>\n<p>The <strong>root</strong> of this directory structure is called <code>creating-hyperlinks</code>. When working locally with a web site, you'll have one directory that contains the entire site. Inside the <strong>root</strong>, we have an <code>index.html</code> file and a <code>contacts.html</code>. In a real website, <code>index.html</code> would be our home page or landing page (a web page that serves as the entry point for a website or a particular section of a website.).</p>\n<p>There are also two directories inside our root — <code>pdfs</code> and <code>projects</code>. These each have a single file inside them — a PDF (<code>project-brief.pdf</code>) and an <code>index.html</code> file, respectively. Note that you can have two <code>index.html</code> files in one project, as long as they're in different filesystem locations. The second <code>index.html</code> would perhaps be the main landing page for project-related information.</p>\n<ul>\n <li><strong>Same directory</strong>: If you wanted to include a hyperlink inside <code>index.html</code> (the top level <code>index.html</code>) pointing to <code>contacts.html</code>, you would specify the filename that you want to link to, because it's in the same directory as the current file. The URL you would use is <code>contacts.html</code>:\n <div class=\"code-example\"><pre class=\"brush: html notranslate\"><code><span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;</span>p</span><span class=\"token punctuation\">&gt;</span></span>Want to contact a specific staff member?\nFind details on our <span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;</span>a</span> <span class=\"token attr-name\">href</span><span class=\"token attr-value\"><span class=\"token punctuation attr-equals\">=</span><span class=\"token punctuation\">\"</span>contacts.html<span class=\"token punctuation\">\"</span></span><span class=\"token punctuation\">&gt;</span></span>contacts page<span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;/</span>a</span><span class=\"token punctuation\">&gt;</span></span>.<span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;/</span>p</span><span class=\"token punctuation\">&gt;</span></span>\n</code></pre></div>\n </li>\n <li>\n <strong>Moving down into subdirectories</strong>: If you wanted to include a hyperlink inside <code>index.html</code> (the top level <code>index.html</code>) pointing to <code>projects/index.html</code>, you would need to go down into the <code>projects</code> directory before indicating the file you want to link to.\n This is done by specifying the directory's name, then a forward slash, then the name of the file. The URL you would use is <code>projects/index.html</code>:\n <div class=\"code-example\"><pre class=\"brush: html notranslate\"><code><span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;</span>p</span><span class=\"token punctuation\">&gt;</span></span>Visit my <span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;</span>a</span> <span class=\"token attr-name\">href</span><span class=\"token attr-value\"><span class=\"token punctuation attr-equals\">=</span><span class=\"token punctuation\">\"</span>projects/index.html<span class=\"token punctuation\">\"</span></span><span class=\"token punctuation\">&gt;</span></span>project homepage<span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;/</span>a</span><span class=\"token punctuation\">&gt;</span></span>.<span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;/</span>p</span><span class=\"token punctuation\">&gt;</span></span>\n</code></pre></div>\n </li>\n <li>\n <strong>Moving back up into parent directories</strong>: If you wanted to include a hyperlink inside <code>projects/index.html</code> pointing to <code>pdfs/project-brief.pdf</code>, you'd have to go up a directory level, then back down into the <code>pdf</code> directory.\n To go up a directory, use two dots — <code>..</code> — so the URL you would use is <code>../pdfs/project-brief.pdf</code>:\n <div class=\"code-example\"><pre class=\"brush: html notranslate\"><code><span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;</span>p</span><span class=\"token punctuation\">&gt;</span></span>A link to my <span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;</span>a</span> <span class=\"token attr-name\">href</span><span class=\"token attr-value\"><span class=\"token punctuation attr-equals\">=</span><span class=\"token punctuation\">\"</span>../pdfs/project-brief.pdf<span class=\"token punctuation\">\"</span></span><span class=\"token punctuation\">&gt;</span></span>project brief<span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;/</span>a</span><span class=\"token punctuation\">&gt;</span></span>.<span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;/</span>p</span><span class=\"token punctuation\">&gt;</span></span>\n</code></pre></div>\n </li>\n</ul>\n<div class=\"notecard note\" id=\"sect4\">\n <p><strong>Note:</strong> You can combine multiple instances of these features into complex URLs, if needed, for example: <code>../../../complex/path/to/my/file.html</code>.</p>\n</div>"}},{"type":"prose","value":{"id":"document\_fragments","title":"Document fragments","isH3":true,"content":"<p>\n It's possible to link to a specific part of an HTML document, known as a <strong>document fragment</strong>, rather than just to the top of the document.\n To do this you first have to assign an <a href=\"/en-US/docs/Web/HTML/Global\_attributes#attr-id\"><code>id</code></a> attribute to the element you want to link to.\n It normally makes sense to link to a specific heading, so this would look something like the following:\n</p>\n<div class=\"code-example\"><pre class=\"brush: html notranslate\"><code><span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;</span>h2</span> <span class=\"token attr-name\">id</span><span class=\"token attr-value\"><span class=\"token punctuation attr-equals\">=</span><span class=\"token punctuation\">\"</span>Mailing\_address<span class=\"token punctuation\">\"</span></span><span class=\"token punctuation\">&gt;</span></span>Mailing address<span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;/</span>h2</span><span class=\"token punctuation\">&gt;</span></span>\n</code></pre></div>\n<p>Then to link to that specific <code>id</code>, you'd include it at the end of the URL, preceded by a hash/pound symbol (<code>#</code>), for example:</p>\n<div class=\"code-example\"><pre class=\"brush: html notranslate\"><code><span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;</span>p</span><span class=\"token punctuation\">&gt;</span></span>Want to write us a letter? Use our <span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;</span>a</span> <span class=\"token attr-name\">href</span><span class=\"token attr-value\"><span class=\"token punctuation attr-equals\">=</span><span class=\"token punctuation\">\"</span>contacts.html#Mailing\_address<span class=\"token punctuation\">\"</span></span><span class=\"token punctuation\">&gt;</span></span>mailing address<span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;/</span>a</span><span class=\"token punctuation\">&gt;</span></span>.<span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;/</span>p</span><span class=\"token punctuation\">&gt;</span></span>\n</code></pre></div>\n<p>You can even use the document fragment reference on its own to link to <em>another part of the current document</em>:</p>\n<div class=\"code-example\"><pre class=\"brush: html notranslate\"><code><span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;</span>p</span><span class=\"token punctuation\">&gt;</span></span>The <span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;</span>a</span> <span class=\"token attr-name\">href</span><span class=\"token attr-value\"><span class=\"token punctuation attr-equals\">=</span><span class=\"token punctuation\">\"</span>#Mailing\_address<span class=\"token punctuation\">\"</span></span><span class=\"token punctuation\">&gt;</span></span>company mailing address<span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;/</span>a</span><span class=\"token punctuation\">&gt;</span></span> can be found at the bottom of this page.<span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;/</span>p</span><span class=\"token punctuation\">&gt;</span></span>\n</code></pre></div>"}},{"type":"prose","value":{"id":"absolute\_versus\_relative\_urls","title":"Absolute versus relative URLs","isH3":true,"content":"<p>Two terms you'll come across on the Web are <strong>absolute URL</strong> and <strong>relative URL:</strong></p>\n<p>\n <strong>absolute URL</strong>: Points to a location defined by its absolute location on the web, including <a href=\"/en-US/docs/Glossary/Protocol\">protocol</a> and <a href=\"/en-US/docs/Glossary/Domain\_name\">domain name</a>.\n For example, if an <code>index.html</code> page is uploaded to a directory called <code>projects</code> that sits inside the <strong>root</strong> of a web server, and the web site's domain is <code>https://www.example.com</code>, the page would be available at <code>https://www.example.com/projects/index.html</code> (or even just <code>https://www.example.com/projects/</code>, as most web servers just look for a landing page such as <code>index.html</code> to load if it isn't specified in the URL.)\n</p>\n<p>An absolute URL will always point to the same location, no matter where it's used.</p>\n<p>\n <strong>relative URL</strong>: Points to a location that is <em>relative</em> to the file you are linking from, more like what we looked at in the previous section.\n For example, if we wanted to link from our example file at <code>https://www.example.com/projects/index.html</code> to a PDF file in the same directory, the URL would just be the filename — <code>project-brief.pdf</code> — no extra information needed. If the PDF was available in a subdirectory inside <code>projects</code> called <code>pdfs</code>, the relative link would be <code>pdfs/project-brief.pdf</code> (the equivalent absolute URL would be <code>https://www.example.com/projects/pdfs/project-brief.pdf</code>.)\n</p>\n<p>A relative URL will point to different places depending on the actual location of the file you refer from — for example if we moved our <code>index.html</code> file out of the <code>projects</code> directory and into the <strong>root</strong> of the web site (the top level, not in any directories), the <code>pdfs/project-brief.pdf</code> relative URL link inside it would now point to a file located at <code>https://www.example.com/pdfs/project-brief.pdf</code>, not a file located at <code>https://www.example.com/projects/pdfs/project-brief.pdf</code>.</p>\n<p>Of course, the location of the <code>project-brief.pdf</code> file and <code>pdfs</code> folder won't suddenly change because you moved the <code>index.html</code> file — this would make your link point to the wrong place, so it wouldn't work if clicked on. You need to be careful!</p>"}},{"type":"prose","value":{"id":"link\_best\_practices","title":"Link best practices","isH3":false,"content":"<p>There are some best practices to follow when writing links. Let's look at these now.</p>"}},{"type":"prose","value":{"id":"use\_clear\_link\_wording","title":"Use clear link wording","isH3":true,"content":"<p>It's easy to throw links up on your page. That's not enough. We need to make our links <em>accessible</em> to all readers, regardless of their current context and which tools they prefer. For example:</p>\n<ul>\n <li>Screenreader users like jumping around from link to link on the page, and reading links out of context.</li>\n <li>Search engines use link text to index target files, so it is a good idea to include keywords in your link text to effectively describe what is being linked to.</li>\n <li>Visual readers skim over the page rather than reading every word, and their eyes will be drawn to page features that stand out, like links. They will find descriptive link text useful.</li>\n</ul>\n<p>Let's look at a specific example:</p>\n<p><strong>Good</strong> link text: <a href=\"https://www.mozilla.org/en-US/firefox/new/?redirect\_source=firefox-com\" class=\"external\" rel=\" noopener\">Download Firefox</a></p>\n<div class=\"code-example\"><pre class=\"brush: html example-good notranslate\"><code><span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;</span>p</span><span class=\"token punctuation\">&gt;</span></span><span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;</span>a</span> <span class=\"token attr-name\">href</span><span class=\"token attr-value\"><span class=\"token punctuation attr-equals\">=</span><span class=\"token punctuation\">\"</span>https://www.mozilla.org/firefox/<span class=\"token punctuation\">\"</span></span><span class=\"token punctuation\">&gt;</span></span>\n Download Firefox\n<span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;/</span>a</span><span class=\"token punctuation\">&gt;</span></span><span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;/</span>p</span><span class=\"token punctuation\">&gt;</span></span>\n</code></pre></div>\n<p><strong>Bad</strong> link text: <a href=\"https://www.mozilla.org/firefox/\" class=\"external\" rel=\" noopener\">Click here</a> to download Firefox</p>\n<div class=\"code-example\"><pre class=\"brush: html example-bad notranslate\"><code><span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;</span>p</span><span class=\"token punctuation\">&gt;</span></span><span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;</span>a</span> <span class=\"token attr-name\">href</span><span class=\"token attr-value\"><span class=\"token punctuation attr-equals\">=</span><span class=\"token punctuation\">\"</span>https://www.mozilla.org/firefox/<span class=\"token punctuation\">\"</span></span><span class=\"token punctuation\">&gt;</span></span>\n Click here\n<span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;/</span>a</span><span class=\"token punctuation\">&gt;</span></span>\nto download Firefox<span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;/</span>p</span><span class=\"token punctuation\">&gt;</span></span>\n</code></pre></div>\n<p>Other tips:</p>\n<ul>\n <li>Don't repeat the URL as part of the link text — URLs look ugly, and sound even uglier when a screen reader reads them out letter by letter.</li>\n <li>\n Don't say \"link\" or \"links to\" in the link text — it's just noise. Screen readers tell people there's a link.\n Visual users will also know there's a link, because links are generally styled in a different color and underlined (this convention generally shouldn't be broken, as users are used to it).\n </li>\n <li>Keep your link text as short as possible — this is helpful because screen readers need to interpret the entire link text.</li>\n <li>\n Minimize instances where multiple copies of the same text are linked to different places.\n This can cause problems for screen reader users, if there's a list of links out of context that are labeled \"click here\", \"click here\", \"click here\".\n </li>\n</ul>"}},{"type":"prose","value":{"id":"linking\_to\_non-html\_resources\_—\_leave\_clear\_signposts","title":"Linking to non-HTML resources — leave clear signposts","isH3":true,"content":"<p>When linking to a resource that will be downloaded (like a PDF or Word document), streamed (like video or audio), or has another potentially unexpected effect (opens a popup window, or loads a Flash movie), you should add clear wording to reduce any confusion.</p>\n<p>For example:</p>\n<ul>\n <li>If you're on a low bandwidth connection, click a link, and then a multiple megabyte download starts unexpectedly.</li>\n <li>If you don't have the Flash player installed, click a link, and then suddenly get taken to a page that requires Flash.</li>\n</ul>\n<p>Let's look at some examples, to see what kind of text can be used here:</p>\n<div class=\"code-example\"><pre class=\"brush: html notranslate\"><code><span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;</span>p</span><span class=\"token punctuation\">&gt;</span></span><span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;</span>a</span> <span class=\"token attr-name\">href</span><span class=\"token attr-value\"><span class=\"token punctuation attr-equals\">=</span><span class=\"token punctuation\">\"</span>https://www.example.com/large-report.pdf<span class=\"token punctuation\">\"</span></span><span class=\"token punctuation\">&gt;</span></span>\n Download the sales report (PDF, 10MB)\n<span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;/</span>a</span><span class=\"token punctuation\">&gt;</span></span><span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;/</span>p</span><span class=\"token punctuation\">&gt;</span></span>\n\n<span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;</span>p</span><span class=\"token punctuation\">&gt;</span></span><span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;</span>a</span> <span class=\"token attr-name\">href</span><span class=\"token attr-value\"><span class=\"token punctuation attr-equals\">=</span><span class=\"token punctuation\">\"</span>https://www.example.com/video-stream/<span class=\"token punctuation\">\"</span></span> <span class=\"token attr-name\">target</span><span class=\"token attr-value\"><span class=\"token punctuation attr-equals\">=</span><span class=\"token punctuation\">\"</span>\_blank<span class=\"token punctuation\">\"</span></span><span class=\"token punctuation\">&gt;</span></span>\n Watch the video (stream opens in separate tab, HD quality)\n<span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;/</span>a</span><span class=\"token punctuation\">&gt;</span></span><span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;/</span>p</span><span class=\"token punctuation\">&gt;</span></span>\n\n<span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;</span>p</span><span class=\"token punctuation\">&gt;</span></span><span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;</span>a</span> <span class=\"token attr-name\">href</span><span class=\"token attr-value\"><span class=\"token punctuation attr-equals\">=</span><span class=\"token punctuation\">\"</span>https://www.example.com/car-game<span class=\"token punctuation\">\"</span></span><span class=\"token punctuation\">&gt;</span></span>\n Play the car game (requires Flash)\n<span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;/</span>a</span><span class=\"token punctuation\">&gt;</span></span><span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;/</span>p</span><span class=\"token punctuation\">&gt;</span></span>\n</code></pre></div>"}},{"type":"prose","value":{"id":"use\_the\_download\_attribute\_when\_linking\_to\_a\_download","title":"Use the download attribute when linking to a download","isH3":true,"content":"<p>When you are linking to a resource that's to be downloaded rather than opened in the browser, you can use the <code>download</code> attribute to provide a default save filename. Here's an example with a download link to the latest Windows version of Firefox:</p>\n<div class=\"code-example\"><pre class=\"brush: html notranslate\"><code><span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;</span>a</span> <span class=\"token attr-name\">href</span><span class=\"token attr-value\"><span class=\"token punctuation attr-equals\">=</span><span class=\"token punctuation\">\"</span>https://download.mozilla.org/?product=firefox-latest-ssl&amp;os=win64&amp;lang=en-US<span class=\"token punctuation\">\"</span></span>\n <span class=\"token attr-name\">download</span><span class=\"token attr-value\"><span class=\"token punctuation attr-equals\">=</span><span class=\"token punctuation\">\"</span>firefox-latest-64bit-installer.exe<span class=\"token punctuation\">\"</span></span><span class=\"token punctuation\">&gt;</span></span>\n Download Latest Firefox for Windows (64-bit) (English, US)\n<span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;/</span>a</span><span class=\"token punctuation\">&gt;</span></span>\n</code></pre></div>"}},{"type":"prose","value":{"id":"active\_learning\_creating\_a\_navigation\_menu","title":"Active learning: creating a navigation menu","isH3":false,"content":"<p>For this exercise, we'd like you to link some pages together with a navigation menu to create a multi-page website. This is one common way in which a website is created — the same page structure is used on every page, including the same navigation menu, so when links are clicked it gives the impression that you are staying in the same place, and different content is being brought up.</p>\n<p>You'll need to make local copies of the following four pages, all in the same directory. For a complete file list, see the <a href=\"https://github.com/mdn/learning-area/tree/main/html/introduction-to-html/navigation-menu-start\" class=\"external\" rel=\" noopener\">navigation-menu-start</a> directory:</p>\n<ul>\n <li><a href=\"https://github.com/mdn/learning-area/blob/main/html/introduction-to-html/navigation-menu-start/index.html\" class=\"external\" rel=\" noopener\">index.html</a></li>\n <li><a href=\"https://github.com/mdn/learning-area/blob/main/html/introduction-to-html/navigation-menu-start/projects.html\" class=\"external\" rel=\" noopener\">projects.html</a></li>\n <li><a href=\"https://github.com/mdn/learning-area/blob/main/html/introduction-to-html/navigation-menu-start/pictures.html\" class=\"external\" rel=\" noopener\">pictures.html</a></li>\n <li><a href=\"https://github.com/mdn/learning-area/blob/main/html/introduction-to-html/navigation-menu-start/social.html\" class=\"external\" rel=\" noopener\">social.html</a></li>\n</ul>\n<p>You should:</p>\n<ol>\n <li>\n Add an unordered list in the indicated place on one page that includes the names of the pages to link to.\n A navigation menu is usually just a list of links, so this is semantically OK.\n </li>\n <li>Change each page name into a link to that page.</li>\n <li>Copy the navigation menu across to each page.</li>\n <li>\n On each page, remove just the link to that same page — it's confusing and unnecessary for a page to include a link to itself.\n And, the lack of a link acts a good visual reminder of which page you are currently on.\n </li>\n</ol>\n<p>The finished example should look similar to the following page:</p>\n<p>\n <img src=\"/en-US/docs/Learn/HTML/Introduction\_to\_HTML/Creating\_hyperlinks/navigation-example.png\" alt=\"An example of a simple HTML navigation menu, with home, pictures, projects, and social menu items\" width=\"628\" height=\"424\" loading=\"lazy\">\n</p>\n<div class=\"notecard note\" id=\"sect5\">\n <p><strong>Note:</strong> If you get stuck, or aren't sure if you have got it right, you can check the <a href=\"https://github.com/mdn/learning-area/tree/main/html/introduction-to-html/navigation-menu-marked-up\" class=\"external\" rel=\" noopener\">navigation-menu-marked-up</a> directory to see the correct answer.</p>\n</div>"}},{"type":"prose","value":{"id":"e-mail\_links","title":"E-mail links","isH3":false,"content":"<p>\n It's possible to create links or buttons that, when clicked, open a new outgoing email message rather than linking to a resource or page.\n This is done using the <a href=\"/en-US/docs/Web/HTML/Element/a\"><code>&lt;a&gt;</code></a> element and the <code>mailto:</code> URL scheme.\n</p>\n<p>In its most basic and commonly used form, a <code>mailto:</code> link indicates the email address of the intended recipient. For example:</p>\n<div class=\"code-example\"><pre class=\"brush: html notranslate\"><code><span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;</span>a</span> <span class=\"token attr-name\">href</span><span class=\"token attr-value\"><span class=\"token punctuation attr-equals\">=</span><span class=\"token punctuation\">\"</span>mailto:nowhere@mozilla.org<span class=\"token punctuation\">\"</span></span><span class=\"token punctuation\">&gt;</span></span>Send email to nowhere<span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;/</span>a</span><span class=\"token punctuation\">&gt;</span></span>\n</code></pre></div>\n<p>This results in a link that looks like this: <a href=\"mailto:nowhere@mozilla.org\">Send email to nowhere</a>.</p>\n<p>\n In fact, the email address is optional. If you omit it and your <a href=\"/en-US/docs/Web/HTML/Element/a#attr-href\"><code>href</code></a> is \"mailto:\", a new outgoing email window will be opened by the user's email client with no destination address.\n This is often useful as \"Share\" links that users can click to send an email to an address of their choosing.\n</p>"}},{"type":"prose","value":{"id":"specifying\_details","title":"Specifying details","isH3":true,"content":"<p>\n In addition to the email address, you can provide other information. In fact, any standard mail header fields can be added to the <code>mailto</code> URL you provide.\n The most commonly used of these are \"subject\", \"cc\", and \"body\" (which is not a true header field, but allows you to specify a short content message for the new email).\n Each field and its value is specified as a query term.\n</p>\n<p>Here's an example that includes a cc, bcc, subject and body:</p>\n<div class=\"code-example\"><pre class=\"brush: html notranslate\"><code><span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;</span>a</span> <span class=\"token attr-name\">href</span><span class=\"token attr-value\"><span class=\"token punctuation attr-equals\">=</span><span class=\"token punctuation\">\"</span>mailto:nowhere@mozilla.org?cc=name2@rapidtables.com&amp;bcc=name3@rapidtables.com&amp;subject=The%20subject%20of%20the%20email&amp;body=The%20body%20of%20the%20email<span class=\"token punctuation\">\"</span></span><span class=\"token punctuation\">&gt;</span></span>\n Send mail with cc, bcc, subject and body\n<span class=\"token tag\"><span class=\"token tag\"><span class=\"token punctuation\">&lt;/</span>a</span><span class=\"token punctuation\">&gt;</span></span>\n</code></pre></div>\n<div class=\"notecard note\" id=\"sect6\">\n <p>\n <strong>Note:</strong> The values of each field must be URL-encoded with non-printing characters (invisible characters like tabs, carriage returns, and page breaks) and spaces <a href=\"https://en.wikipedia.org/wiki/Percent-encoding\" class=\"external\" rel=\" noopener\">percent-escaped</a>.\n Also, note the use of the question mark (<code>?</code>) to separate the main URL from the field values, and ampersands (&amp;) to separate each field in the <code>mailto:</code> URL.\n This is standard URL query notation.\n Read <a href=\"/en-US/docs/Learn/Forms/Sending\_and\_retrieving\_form\_data#the\_get\_method\">The GET method</a> to understand what URL query notation is more commonly used for.\n </p>\n</div>\n<p>Here are a few other sample <code>mailto</code> URLs:</p>\n<ul>\n <li><a href=\"mailto:\">mailto:</a></li>\n <li><a href=\"mailto:nowhere@mozilla.org\">mailto:nowhere@mozilla.org</a></li>\n <li><a href=\"mailto:nowhere@mozilla.org,nobody@mozilla.org\">mailto:nowhere@mozilla.org,nobody@mozilla.org</a></li>\n <li><a href=\"mailto:nowhere@mozilla.org?cc=nobody@mozilla.org\">mailto:nowhere@mozilla.org?cc=nobody@mozilla.org</a></li>\n <li><a href=\"mailto:nowhere@mozilla.org?cc=nobody@mozilla.org&amp;subject=This%20is%20the%20subject\">mailto:nowhere@mozilla.org?cc=nobody@mozilla.org&amp;subject=This%20is%20the%20subject</a></li>\n</ul>"}},{"type":"prose","value":{"id":"test\_your\_skills!","title":"Test your skills!","isH3":false,"content":"<p>You've reached the end of this article, but can you remember the most important information? You can find some further tests to verify that you've retained this information before you move on — see <a href=\"/en-US/docs/Learn/HTML/Introduction\_to\_HTML/Test\_your\_skills:\_Links\">Test your skills: Links</a>.</p>"}},{"type":"prose","value":{"id":"summary","title":"Summary","isH3":false,"content":"<p>That's it for links, for now anyway! You'll return to links later on in the course when you start to look at styling them. Next up for HTML, we'll return to text semantics and look at some more advanced/unusual features that you'll find useful — <a href=\"/en-US/docs/Learn/HTML/Introduction\_to\_HTML/Advanced\_text\_formatting\">Advanced text formatting</a> is your next stop.</p><ul class=\"prev-next\">\n <li><a class=\"button secondary\" href=\"/en-US/docs/Learn/HTML/Introduction\_to\_HTML/HTML\_text\_fundamentals\"><span class=\"button-wrap\"> Previous </span></a></li>\n <li><a class=\"button secondary\" href=\"/en-US/docs/Learn/HTML/Introduction\_to\_HTML\"><span class=\"button-wrap\"> Overview: Introduction to HTML</span></a></li>\n <li><a class=\"button secondary\" href=\"/en-US/docs/Learn/HTML/Introduction\_to\_HTML/Advanced\_text\_formatting\"><span class=\"button-wrap\"> Next </span></a></li>\n</ul>"}},{"type":"prose","value":{"id":"in\_this\_module","title":"In this module","isH3":false,"content":"<ul>\n <li><a href=\"/en-US/docs/Learn/HTML/Introduction\_to\_HTML/Getting\_started\">Getting started with HTML</a></li>\n <li><a href=\"/en-US/docs/Learn/HTML/Introduction\_to\_HTML/The\_head\_metadata\_in\_HTML\">What's in the head? Metadata in HTML</a></li>\n <li><a href=\"/en-US/docs/Learn/HTML/Introduction\_to\_HTML/HTML\_text\_fundamentals\">HTML text fundamentals</a></li>\n <li><a href=\"/en-US/docs/Learn/HTML/Introduction\_to\_HTML/Creating\_hyperlinks\" aria-current=\"page\">Creating hyperlinks</a></li>\n <li><a href=\"/en-US/docs/Learn/HTML/Introduction\_to\_HTML/Advanced\_text\_formatting\">Advanced text formatting</a></li>\n <li><a href=\"/en-US/docs/Learn/HTML/Introduction\_to\_HTML/Document\_and\_website\_structure\">Document and website structure</a></li>\n <li><a href=\"/en-US/docs/Learn/HTML/Introduction\_to\_HTML/Debugging\_HTML\">Debugging HTML</a></li>\n <li><a href=\"/en-US/docs/Learn/HTML/Introduction\_to\_HTML/Marking\_up\_a\_letter\">Marking up a letter</a></li>\n <li><a href=\"/en-US/docs/Learn/HTML/Introduction\_to\_HTML/Structuring\_a\_page\_of\_content\">Structuring a page of content</a></li>\n</ul>"}}],"toc":[{"text":"What is a hyperlink?","id":"what\_is\_a\_hyperlink"},{"text":"Anatomy of a link","id":"anatomy\_of\_a\_link"},{"text":"A quick primer on URLs and paths","id":"a\_quick\_primer\_on\_urls\_and\_paths"},{"text":"Link best practices","id":"link\_best\_practices"},{"text":"Active learning: creating a navigation menu","id":"active\_learning\_creating\_a\_navigation\_menu"},{"text":"E-mail links","id":"e-mail\_links"},{"text":"Test your skills!","id":"test\_your\_skills!"},{"text":"Summary","id":"summary"},{"text":"In this module","id":"in\_this\_module"}],"summary":"That's it for links, for now anyway! You'll return to links later on in the course when you start to look at styling them. Next up for HTML, we'll return to text semantics and look at some more advanced/unusual features that you'll find useful — Advanced text formatting is your next stop.","popularity":0.0127,"modified":"2022-04-23T16:37:30.000Z","other\_translations":[{"title":"Erstellen von Hyperlinks","locale":"de","native":"Deutsch"},{"title":"Crear hipervínculos","locale":"es","native":"Español"},{"title":"Création d'hyperliens","locale":"fr","native":"Français"},{"title":"ハイパーリンクの作成","locale":"ja","native":"日本語"},{"title":"하이퍼링크 만들기","locale":"ko","native":"한국어"},{"title":"Criando hyperlinks","locale":"pt-BR","native":"Português (do Brasil)"},{"title":"Создание гиперссылок","locale":"ru","native":"Русский"},{"title":"建立超链接","locale":"zh-CN","native":"中文 (简体)"},{"title":"Creating hyperlinks","locale":"zh-TW","native":"正體中文 (繁體)"}],"source":{"folder":"en-us/learn/html/introduction\_to\_html/creating\_hyperlinks","github\_url":"https://github.com/mdn/content/blob/main/files/en-us/learn/html/introduction\_to\_html/creating\_hyperlinks/index.md","last\_commit\_url":"https://github.com/mdn/content/commit/6cae57a4e1cc01dff54e7cc442c45b1b900775d0","filename":"index.md"},"short\_title":"Creating hyperlinks","parents":[{"uri":"/en-US/docs/Learn","title":"Guides"},{"uri":"/en-US/docs/Learn/HTML","title":"HTML"},{"uri":"/en-US/docs/Learn/HTML/Introduction\_to\_HTML","title":"Introduction to HTML"},{"uri":"/en-US/docs/Learn/HTML/Introduction\_to\_HTML/Creating\_hyperlinks","title":"Creating hyperlinks"}],"pageTitle":"Creating hyperlinks - Learn web development | MDN","noIndexing":false}}</script></body></html> |

<!DOCTYPE html>

<!-- Template by html.am -->

<html>

    <head>

        <meta http-equiv="Content-Type" content="text/html; charset=utf-8">

        <title>2 Rows, 2 Columns, D</title>

        <style type="text/css">

        body {

            margin: 0;

            padding: 0;

            overflow: hidden;

            height: 100%;

            max-height: 100%;

            font-family:Sans-serif;

            line-height: 1.5em;

        }

        main {

            position: fixed;

            left: 230px; /\* Width of the nav bar \*/

            bottom: 100px; /\* Set this to the height of the footer \*/

            right: 0;

            top: 0;

            bottom: 0;

            overflow: auto;

            background: #fff;

        }

        #nav {

            position: absolute;

            left: 0;

            top: 0;

            bottom: 0;

            width: 230px;

            overflow: auto; /\* Scrollbars will appear on this frame only when there's enough content to require scrolling. To disable scrollbars, change to "hidden", or use "scroll" to enable permanent scrollbars \*/

            background: #DAE9BC;

        }

        #footer {

            position: absolute;

            left: 230px;

            bottom: 0;

            width: 100%;

            height: 100px;

            overflow: hidden; /\* Disables scrollbars on the footer frame. To enable scrollbars, change "hidden" to "scroll" \*/

            background: #BCCE98;

        }

        #logo {

            padding:10px;

        }

        .innertube {

            margin: 15px; /\* Provides padding for the content \*/

        }

        p {

            color: #555;

        }

        nav ul {

            list-style-type: none;

            margin: 0;

            padding: 0;

        }

        nav ul a {

            color: darkgreen;

            text-decoration: none;

        }

        /\*IE6 fix\*/

        \* html body{

            padding: 0 0 100px 230px; /\* Set the third value to the height of the footer and last value to the width of the nav \*/

        }

        \* html main{

            height: 100%;

            width: 100%;

        }

        </style>

        <script type="text/javascript">

            /\* =============================

            This script generates sample text for the body content.

            You can remove this script and any reference to it.

             ============================= \*/

            var bodyText=["The smaller your reality, the more convinced you are that you know everything.", "If the facts don't fit the theory, change the facts.", "The past has no power over the present moment.", "This, too, will pass.", "</p><p>You will not be punished for your anger, you will be punished by your anger.", "Peace comes from within. Do not seek it without.", "<h3>Heading</h3><p>The most important moment of your life is now. The most important person in your life is the one you are with now, and the most important activity in your life is the one you are involved with now."]

            function generateText(sentenceCount){

                for (var i=0; i<sentenceCount; i++)

                document.write(bodyText[Math.floor(Math.random()\*7)]+" ")

            }

        </script>

    </head>

    <body>

        <main>

            <div class="innertube">

                <h1>Heading</h1>

                <p><script>generateText(300)</script></p>

            </div>

        </main>

        <nav id="nav">

            <div class="innertube">

                <h1>Heading</h1>

                <ul>

                    <li><a href="#">Link 1</a></li>

                    <li><a href="#">Link 2</a></li>

                    <li><a href="#">Link 3</a></li>

                    <li><a href="#">Link 4</a></li>

                    <li><a href="#">Link 5</a></li>

                </ul>

                <h1>Heading</h1>

                <ul>

                    <li><a href="#">Link 1</a></li>

                    <li><a href="#">Link 2</a></li>

                    <li><a href="#">Link 3</a></li>

                    <li><a href="#">Link 4</a></li>

                    <li><a href="#">Link 5</a></li>

                </ul>

            </div>

        </nav>

        <footer id="footer">

            <div id="logo">

                <h1>CoolLogo</h1>

            </div>

        </footer>

    </body>

</html>

***Nawan2.html***

!DOCTYPE html>

<!-- Template by html.am -->

<html>

    <head>

        <meta http-equiv="Content-Type" content="text/html; charset=utf-8">

        <title>2 Rows, 2 Columns, A</title>

        <style type="text/css">

        body {

            margin: 0;

            padding: 0;

            overflow: hidden;

            height: 100%;

            max-height: 100%;

            font-family:Sans-serif;

            line-height: 1.5em;

        }

        #header {

            position: absolute;

            top: 0;

            left: 0;

            width: 100%;

            height: 100px;

            overflow: hidden; /\* Disables scrollbars on the header frame. To enable scrollbars, change "hidden" to "scroll" \*/

            background: #BCCE98;

        }

        #nav {

            position: absolute;

            top: 100px;

            left: 0;

            bottom: 0;

            width: 230px;

            overflow: auto; /\* Scrollbars will appear on this frame only when there's enough content to require scrolling. To disable scrollbars, change to "hidden", or use "scroll" to enable permanent scrollbars \*/

            background: #DAE9BC;

        }

        #logo {

            padding:10px;

        }

        main {

            position: fixed;

            top: 100px; /\* Set this to the height of the header \*/

            left: 230px;

            right: 0;

            bottom: 0;

            overflow: auto;

            background: #fff;

        }

        .innertube {

            margin: 15px; /\* Provides padding for the content \*/

        }

        p {

            color: #555;

        }

        nav ul {

            list-style-type: none;

            margin: 0;

            padding: 0;

        }

        nav ul a {

            color: darkgreen;

            text-decoration: none;

        }

        /\*IE6 fix\*/

        \* html body{

            padding: 100px 0 0 230px; /\* Set the first value to the height of the header and last value to the width of the nav \*/

        }

        \* html main{

            height: 100%;

            width: 100%;

        }

        </style>

        <script type="text/javascript">

            /\* =============================

            This script generates sample text for the body content.

            You can remove this script and any reference to it.

             ============================= \*/

            var bodyText=["The smaller your reality, the more convinced you are that you know everything.", "If the facts don't fit the theory, change the facts.", "The past has no power over the present moment.", "This, too, will pass.", "</p><p>You will not be punished for your anger, you will be punished by your anger.", "Peace comes from within. Do not seek it without.", "<h3>Heading</h3><p>The most important moment of your life is now. The most important person in your life is the one you are with now, and the most important activity in your life is the one you are involved with now."]

            function generateText(sentenceCount){

                for (var i=0; i<sentenceCount; i++)

                document.write(bodyText[Math.floor(Math.random()\*7)]+" ")

            }

        </script>

    </head>

    <body>

        <header id="header">

            <div id="logo">

                <h1>CoolLogo</h1>

            </div>

        </header>

        <main>

            <div class="innertube">

                <h1>Heading</h1>

                <p><script>generateText(300)</script></p>

            </div>

        </main>

        <nav id="nav">

            <div class="innertube">

                <h1>Heading</h1>

                <ul>

                    <li><a href="#">Link 1</a></li>

                    <li><a href="#">Link 2</a></li>

                    <li><a href="#">Link 3</a></li>

                    <li><a href="#">Link 4</a></li>

                    <li><a href="#">Link 5</a></li>

                </ul>

                <h1>Heading</h1>

                <ul>

                    <li><a href="#">Link 1</a></li>

                    <li><a href="#">Link 2</a></li>

                    <li><a href="#">Link 3</a></li>

                    <li><a href="#">Link 4</a></li>

                    <li><a href="#">Link 5</a></li>

                </ul>

                <h1>Heading</h1>

                <ul>

                    <li><a href="#">Link 1</a></li>

                    <li><a href="#">Link 2</a></li>

                    <li><a href="#">Link 3</a></li>

                    <li><a href="#">Link 4</a></li>

                    <li><a href="#">Link 5</a></li>

                </ul>

            </div>

        </nav>

    </body>

</html>

*LINKS FA FA FA FA FA FA*

*HEAD*

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/font-awesome/4.4.0/css/font-awesome.min.css">

BODY

<i class="fa fa-link" aria-hidden="true"></i>

***Method no 2***

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8" />

<meta http-equiv="X-UA-Compatible" content="IE=edge" />

<meta name="viewport" content="width=device-width, initial-scale=1.0" />

<title>Video Background</title>

<link rel="stylesheet" href="style.css" />

<link rel="preconnect" href="https://fonts.googleapis.com" />

<link rel="preconnect" href="https://fonts.gstatic.com" crossorigin />

<link

href="https://fonts.googleapis.com/css2?family=Playfair+Display:wght@400;500;600&family=Roboto&display=swap"

rel="stylesheet"

/>

</head>

<body>

<div class="home">

<video autoplay muted loop>

<source src="ressources/cooking.mp4" type="video/mp4" />

</video>

<div class="overlay"></div>

<div class="home-content">

<h1>High-End Kitchen.</h1>

<div class="middle-line"></div>

<button>DISCOVER</button>

</div>

</div>

</body>

</html>

*Style.css of video background*

\*,

::before,

::after {

box-sizing: border-box;

margin: 0;

padding: 0;

}

body {

font-family: Playfair Display, sans-serif;

background: #f1f1f1;

}

.home {

height: 100vh;

position: relative;

}

video {

object-fit: cover;

position: absolute;

width: 100%;

height: 100%;

position: absolute;

z-index: 1;

}

.overlay {

position: absolute;

top: 0;

left: 0;

bottom: 0;

right: 0;

z-index: 2;

background: rgba(0,0,0,0.6);

}

.home-content {

width: 600px;

margin: 0 auto;

position: relative;

top: 150px;

color: #fff;

z-index: 3;

}

.home-content h1 {

font-family: Playfair Display, serif;

text-align: center;

text-transform: uppercase;

font-size: 85px;

line-height: 1.1;

}

.middle-line {

height: 200px;

width: 2px;

background: #fff;

margin: 40px auto;

}

.home-content button {

display: block;

font-size: 20px;

border: 1px solid #f1f1f1;

border-radius: 5px;

background: transparent;

color: #fff;

margin: 50px auto 0;

padding: 16px 30px;

cursor: pointer;

}

<https://youtu.be/KRGPM9b6xLk>

***index.html***

<!-- full html -->

<html>

<!-- full head -->

<body>

<!doctype html>

<html lang="ar">

<!-- head -->

<head>

<meta charset="utf-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<meta name="pinterest" content="nosearch">

<meta name="csrf\_nonce"

content="3:1654781894:MG1dw1QBWyyBH7AkDwghaj5qAQMg:cf42f7804ec5e8afe9d80b1a2adaf9ea085faafaf5a69e13e47dfe7732cd53e2">

<meta name="uaid\_nonce"

content="3:1654781894:5j7Zd3CBzQP852S4BtrPoXnJTwiR:63e0b1ea2d78e4299595bff1336870915e852550aa2e6c8ae0a5e14e8749f8bd">

<meta property="fb:app\_id" content="89186614300">

<meta name="css\_dist\_path" content="/ac/primary/css/" />

<meta name="dist" content="202206091654781369" />

<link rel="stylesheet"

href="https://www.etsy.com/dac/site-chrome/components/components.20220607215736,site-chrome/header/header.20220608194951,site-chrome/footer/footer.20220526203537,gdpr/settings-overlay.20220526203537.css"

type="text/css" />

<script type="text/javascript" charset="utf-8" nonce="S9DNV1mzjrQiKf2x61wQIYCL">

! function () {

var e = window.\_\_etsy\_logging = {

perf: {

e: [],

t: !1,

METRIC\_NAME\_PREFIX: "\_etsy\_perf\_beacon\_",

prefixMetricName: function (e) {

return this.METRIC\_NAME\_PREFIX + e

}

},

eventpipe: {

q: [],

logEvent: function (e, n) {

this.q.push([e, n])

},

logEventImmediately: function (e, n) {

this.logEvent(e, n)

}

}

};

window.PerformanceObserver && (e.perf.o = new PerformanceObserver((function (n) {

e.perf.e = e.perf.e.concat(n.getEntries())

})), e.perf.o.observe({

entryTypes: ["element", "navigation", "longtask", "paint", "mark", "measure", "resource", "layout-shift", "largest-contentful-paint"]

}));

}();

! function (n, e) {

var t, o, i, c = [],

f = {

passive: !0,

capture: !0

},

r = new Date,

a = "pointerup",

u = "pointercancel";

function p(n, c) {

t || (t = c, o = n, i = new Date, w(e), s())

}

function s() {

o >= 0 && o < i - r && (c.forEach(function (n) {

n(o, t)

}), c = [])

}

function l(t) {

if (t.cancelable) {

var o = (t.timeStamp > 1e12 ? new Date : performance.now()) - t.timeStamp;

"pointerdown" == t.type ? function (t, o) {

function i() {

p(t, o), r()

}

function c() {

r()

}

function r() {

e(a, i, f), e(u, c, f)

}

n(a, i, f), n(u, c, f)

}(o, t) : p(o, t)

}

}

function w(n) {

["click", "mousedown", "keydown", "touchstart", "pointerdown"].forEach(function (e) {

n(e, l, f)

})

}

w(n), self.\_\_etsy\_logging.perf.onFirstInputDelay = function (n) {

c.push(n), s()

}

}(addEventListener, removeEventListener);

</script>

<!-- SpeedCurve LUX -->

<!-- /SpeedCurve LUX -->

<script nonce="S9DNV1mzjrQiKf2x61wQIYCL">

! function (e) {

var r = {};

function t(n) {

if (r[n]) return r[n].exports;

var o = r[n] = {

i: n,

l: !1,

exports: {}

};

return e[n].call(o.exports, o, o.exports, t), o.l = !0, o.exports

}

t.m = e, t.c = r, t.d = function (e, r, n) {

t.o(e, r) || Object.defineProperty(e, r, {

enumerable: !0,

get: n

})

}, t.r = function (e) {

"undefined" != typeof Symbol && Symbol.toStringTag && Object.defineProperty(e, Symbol.toStringTag, {

value: "Module"

}), Object.defineProperty(e, "\_\_esModule", {

value: !0

})

}, t.t = function (e, r) {

if (1 & r && (e = t(e)), 8 & r) return e;

if (4 & r && "object" == typeof e && e && e.\_\_esModule) return e;

var n = Object.create(null);

if (t.r(n), Object.defineProperty(n, "default", {

enumerable: !0,

value: e

}), 2 & r && "string" != typeof e)

for (var o in e) t.d(n, o, function (r) {

return e[r]

}.bind(null, o));

return n

}, t.n = function (e) {

var r = e && e.\_\_esModule ? function () {

return e.default

} : function () {

return e

};

return t.d(r, "a", r), r

}, t.o = function (e, r) {

return Object.prototype.hasOwnProperty.call(e, r)

}, t.p = "", t(t.s = 1)

}([function (e, r, t) {

"use strict";

var n = {};

function o(e) {

this.props = e, this.onMarkListeners = [], this.marked = !1, this.\_mark = this.\_mark.bind(this)

}

o.create = function (e, r, t) {

if (!n[e]) {

var i = new o({

name: e,

recordTimestamps: t

});

r && i.addOnMarkListener(r), n[e] = i

}

return n[e]

}, o.record = function (e) {

var r = !(arguments.length > 1 && void 0 !== arguments[1]) || arguments[1],

t = arguments.length > 2 ? arguments[2] : void 0,

n = o.create(e, null, t);

r ? window.requestAnimationFrame(function () {

return setTimeout(n.\_mark)

}) : n.\_mark()

}, o.destroy = function (e) {

void 0 !== window.performance && window.performance.clearMarks(e), e ? delete n[e] : n = {}

}, o.prototype.\_mark = function () {

var e = this;

void 0 !== window.performance && void 0 !== window.performance.mark && window.performance.mark(this.props.name), this.props.recordTimestamps && void 0 !== window.console && void 0 !== window.console.timeStamp && window.console.timeStamp(this.props.name), this.marked = !0, this.onMarkListeners.forEach(function (r) {

return r(e)

})

}, o.prototype.addOnMarkListener = function (e) {

this.marked && e(this), this.onMarkListeners.push(e)

}, o.prototype.removeOnMarkListener = function (e) {

this.onMarkListeners = this.onMarkListeners.filter(function (r) {

return r !== e

})

};

var i = o;

function a(e) {

var r = this;

this.props = e, this.measureName = this.props.name;

var t = this.props.elements ? this.props.elements.map(function (e) {

return e.marks

}).flat() : this.props.marks,

n = [];

this.props.startMarkName === l && this.props.elements && (n = this.props.elements.filter(function (e) {

var t = r.selectDOMNodes(e);

return t && (void 0 === t.length || t.length > 0)

}));

var o = new Set(n.map(function (e) {

return e.marks

}).flat()),

a = t.filter(function (e) {

return !o.has(e)

});

this.marks = a.map(function (e) {

r.measured = !1;

return {

mark: i.create(e, function (t) {

r.props.onMark(e)

}, r.props.recordTimestamps),

measureListener: function (t) {

r.marks.every(function (e) {

return e.mark.marked

}) && r.measure(e)

}

}

}), this.marks.forEach(function (e) {

var r = e.mark,

t = e.measureListener;

r.addOnMarkListener(t)

}), t.length > 0 && 0 === a.length && this.measure(this.props.startMarkName)

}

a.prototype.selectDOMNodes = function (e) {

return e.selector ? "function" == typeof e.selector ? e.selector() : document.querySelectorAll(e.selector) : this.props.selector ? this.props.selector(e) : null

}, a.prototype.measure = function (e) {

if (!this.measured) {

var r = this.props,

t = r.name,

n = r.startMarkName,

o = r.onMeasure;

if (void 0 !== window.performance && void 0 !== window.performance.measure) {

var i = window.performance.getEntriesByName(e, "mark").pop(),

a = window.performance.getEntriesByName(n, "mark").pop(),

s = a && i.startTime < a.startTime ? n : e;

("navigationStart" === n || a) && window.performance.measure(t, n, s)

}

this.measured = !0, o(t)

}

}, a.prototype.destroy = function () {

void 0 !== window.performance && void 0 !== window.performance.measure && window.performance.clearMeasures(this.props.name), this.marks.forEach(function (e) {

var r = e.mark,

t = e.measureListener;

return r.removeOnMarkListener(t)

}), this.marks = null

};

var s = a;

function u(e) {

return function (e) {

if (Array.isArray(e)) return p(e)

}(e) || function (e) {

if ("undefined" != typeof Symbol && null != e[Symbol.iterator] || null != e["@@iterator"]) return Array.from(e)

}(e) || function (e, r) {

if (!e) return;

if ("string" == typeof e) return p(e, r);

var t = Object.prototype.toString.call(e).slice(8, -1);

"Object" === t && e.constructor && (t = e.constructor.name);

if ("Map" === t || "Set" === t) return Array.from(e);

if ("Arguments" === t || /^(?:Ui|I)nt(?:8|16|32)(?:Clamped)?Array$/.test(t)) return p(e, r)

}(e) || function () {

throw new TypeError("Invalid attempt to spread non-iterable instance.\nIn order to be iterable, non-array objects must have a [Symbol.iterator]() method.")

}()

}

function p(e, r) {

(null == r || r > e.length) && (r = e.length);

for (var t = 0, n = new Array(r); t < r; t++) n[t] = e[t];

return n

}

function c(e) {

this.props = e, this.expectedZones = this.setZones(this.props.zoneConfigs)

}

c.prototype.update = function (e) {

var r, t;

(r = this.props.zoneConfigs).push.apply(r, u(e)), (t = this.expectedZones).push.apply(t, u(this.setZones(e)))

}, c.prototype.setZones = function (e) {

var r = this;

return e.map(function (e) {

return r.createZone(e)

})

}, c.prototype.destroy = function () {

this.expectedZones.forEach(function (e) {

return e.destroy()

}), this.expectedZones = null

}, c.prototype.createZone = function (e) {

return new s(Object.assign({

onMark: this.props.onMark,

onMeasure: this.props.onMeasure,

startMarkName: this.props.startMarkName,

recordTimestamps: this.props.recordTimestamps

}, e))

}, c.prototype.getZoneConfigs = function () {

return this.props.zoneConfigs

};

var f = c;

t.d(r, "a", function () {

return l

});

var m, d = function () { },

l = "transitionStart",

h = d,

w = d,

v = "navigationStart",

y = !1,

k = {

clearMarks: function (e) {

i.destroy(e)

},

create: function (e) {

h = e.onMark || d, w = e.onMeasure || d, v = "navigationStart", y = e.recordTimestamps || !1

},

destroy: function () {

h = void 0, w = void 0, v = void 0, k.clearMarks(), m && m.destroy, m = void 0

},

startView: function (e) {

m ? window.console.error("[UX Capture] Application should call UXCapture.startTransition() before starting new view") : m = new f({

onMark: h,

onMeasure: w,

startMarkName: v,

recordTimestamps: y,

zoneConfigs: e

})

},

updateView: function (e) {

m ? m.update(e) : window.console.error("[Error] No view to update. Call UXCapture.startView() before UXCapture.updateView()")

},

getViewConfig: function () {

return m ? m.getZoneConfigs() : null

},

startTransition: function () {

m && (m.destroy(), m = void 0), void 0 !== window.performance && void 0 !== window.performance.mark && window.performance.mark(l), v = l

},

mark: i.record

};

r.b = k

}, function (e, r, t) {

"use strict";

t.r(r),

function (e) {

var r = t(0);

"function" == typeof define && t(3) ? define([], function () {

return UXCapture

}) : void 0 !== e && void 0 !== e.exports ? e.exports = r.b : window.UXCapture = r.b

}.call(this, t(2)(e))

}, function (e, r) {

e.exports = function (e) {

if (!e.webpackPolyfill) {

var r = Object.create(e);

r.children || (r.children = []), Object.defineProperty(r, "loaded", {

enumerable: !0,

get: function () {

return r.l

}

}), Object.defineProperty(r, "id", {

enumerable: !0,

get: function () {

return r.i

}

}), Object.defineProperty(r, "exports", {

enumerable: !0

}), r.webpackPolyfill = 1

}

return r

}

}, function (e, r) {

(function (r) {

e.exports = r

}).call(this, {})

}]);

</script>

<title>Etsy Pakistan - Shop for handmade, vintage, custom, and unique gifts for everyone</title>

<meta name="description"

content="Shop Etsy Pakistan. Find handmade gifts, vintage & on-trend clothes, unique jewellery, and more.">

<script type="application/ld+json">

{

"@context": "https://schema.org",

"@type": "WebSite",

"url": "https://www.etsy.com/",

"potentialAction": {

"@type": "SearchAction",

"target": {

"@type": "EntryPoint",

"urlTemplate": "https://www.etsy.com/search?q={search\_term\_string}&utm\_campaign=action\_schema\_markup"

},

"query-input": "required name=search\_term\_string"

}

}

</script>

<meta property="og:title"

content="Etsy Pakistan - Shop for handmade, vintage, custom, and unique gifts for everyone" />

<meta property="og:description"

content="Shop Etsy Pakistan. Find handmade gifts, vintage & on-trend clothes, unique jewellery, and more." />

<meta property="og:url" content="http://www.etsy.com/" />

<meta property="og:type" content="website" />

<meta property="og:locale" content="en\_GB" />

<meta property="og:site\_name" content="Etsy" />

<meta name="twitter:card" content="summary\_large\_image" />

<meta name="twitter:site" content="@Etsy" />

<link rel="preconnect" href="//i.etsystatic.com" />

<link rel="preconnect" href="//img0.etsystatic.com" />

<link rel="preconnect" href="//img1.etsystatic.com" />

<link rel="canonical" href="https://www.etsy.com/" />

<link rel="alternate" href="https://www.etsy.com/" hreflang="en" />

<link rel="alternate" href="https://www.etsy.com/au/" hreflang="en-AU" />

<link rel="alternate" href="https://www.etsy.com/ca/" hreflang="en-CA" />

<link rel="alternate" href="https://www.etsy.com/dk-en/" hreflang="en-DK" />

<link rel="alternate" href="https://www.etsy.com/hk-en/" hreflang="en-HK" />

<link rel="alternate" href="https://www.etsy.com/ie/" hreflang="en-IE" />

<link rel="alternate" href="https://www.etsy.com/il-en/" hreflang="en-IL" />

<link rel="alternate" href="https://www.etsy.com/in-en/" hreflang="en-IN" />

<link rel="alternate" href="https://www.etsy.com/nz/" hreflang="en-NZ" />

<link rel="alternate" href="https://www.etsy.com/no-en/" hreflang="en-NO" />

<link rel="alternate" href="https://www.etsy.com/se-en/" hreflang="en-SE" />

<link rel="alternate" href="https://www.etsy.com/sg-en/" hreflang="en-SG" />

<link rel="alternate" href="https://www.etsy.com/uk/" hreflang="en-GB" />

<link rel="alternate" href="https://www.etsy.com/de/" hreflang="de" />

<link rel="alternate" href="https://www.etsy.com/fr/" hreflang="fr" />

<link rel="alternate" href="https://www.etsy.com/ca-fr/" hreflang="fr-CA" />

<link rel="alternate" href="https://www.etsy.com/nl/" hreflang="nl" />

<link rel="alternate" href="https://www.etsy.com/it/" hreflang="it" />

<link rel="alternate" href="https://www.etsy.com/es/" hreflang="es" />

<link rel="alternate" href="https://www.etsy.com/mx/" hreflang="es-MX" />

<link rel="alternate" href="https://www.etsy.com/jp/" hreflang="ja" />

<link rel="alternate" href="https://www.etsy.com/pl/" hreflang="pl" />

<link rel="alternate" href="https://www.etsy.com/at/" hreflang="de-AT" />

<link rel="alternate" href="https://www.etsy.com/ch/" hreflang="de-CH" />

<link rel="alternate" href="https://www.etsy.com/be/" hreflang="nl-BE" />

<link rel="alternate" href="https://www.etsy.com/" hreflang="x-default" />

<link rel="stylesheet"

href="https://www.etsy.com/dac/vesta\_homepage/vesta\_homepage.20220531152919,vesta\_homepage/consistent\_spacing.20220526203537,contentful.20220309150725,vesta\_homepage/view/etsy-everyday.20220526203537,web-toolkit-v2/modules/skeleton\_ui/skeleton\_ui.20220526203537,web-toolkit-v2/modules/tabs/tabs.20220526222320,homepage/\_modules/common/tab-listings.20220526203537,neu/modules/listing\_card.20220531152919,homepage/\_modules/common/simple-header.20220526203537,homepage/\_modules/contained-card.20220526203537,web-toolkit-v2/modules/cards/cards.20220526203537,vesta\_homepage/view/what-is-etsy.20220526203537,impact/homepage/what-is-etsy/community-impact.20220526203537,web-toolkit-v2/modules/forms/checkboxes.20220526203537,web-toolkit-v2/modules/action\_groups/action\_groups.20220526203537,favorites/collection/list.20220419134520,favorites/collection/row.20220526203537,user\_curated\_list/edit\_overlay.20210909222603,favorites/adaptive-height-desktop.20220526203537.css"

type="text/css" />

<script nonce="S9DNV1mzjrQiKf2x61wQIYCL">

\_\_webpack\_public\_path\_\_ = "https://www.etsy.com/ac/evergreen/js/en-GB/";

</script>

<link rel="shortcut icon" href="/favicon.ico" />

<link rel="icon" href="/images/favicon-32x32.png" type="image/png" sizes="32x32" />

<link rel="icon" href="/images/favicon-16x16.png" type="image/png" sizes="16x16" />

<link rel="apple-touch-icon" href="/images/apple-touch-icon.png" sizes="180x180" />

<link rel="mask-icon" href="/images/safari-pinned-tab.svg" color="rgb(241, 100, 30)" />

<link rel="manifest" href="/site.webmanifest" />

<meta name="apple-mobile-web-app-title" content="Etsy" />

<meta name="application-name" content="Etsy" />

<meta name="msapplication-TileColor" content="#F1641E" />

<meta name="theme-color" content="rgb(255, 255, 255)" />

<link type="application/opensearchdescription+xml" rel="search" href="/osdd.php" />

</head>

</body>

<!-- responsive cards -->

<body>

<div data-appears-component-name="Homepage\_Vesta\_ApiSpec\_GiftsBySearch">

<div class="wt-grid wt-body-max-width wt-pr-xs-1 wt-pl-xs-1 wt-pr-md-2 wt-pl-md-2 wt-pr-lg-3 wt-pl-lg-3">

<div class="wt-grid\_\_item-xs-12 wt-pr-xs-1 wt-pl-xs-1 wt-pr-md-2 wt-pl-md-2 wt-pr-lg-3 wt-pl-lg-3">

<div class="wt-body-max-width wt-list-unstyled wt-mb-xs-10 hp-mb-lg-15">

<div class="wt-pb-xs-3 wt-text-center-xs wt-text-left-md big-arrow-md">

<div class='wt-display-inline-block wt-pb-xs-1'>

<a href=https://www.etsy.com/featured/gift-guides?ref=hp\_g-sm

class="wt-arrow-link wt-arrow-link--forward hp-arrow-link wt-display-block">

<h2 class="hp-text-title-xs-02 hp-text-title-md-03 wt-display-inline-block">

Shop our selections

</h2>

</a>

</div>

<div class='wt-text-caption wt-text-gray hp-text-body-md-01'>Curated collections hand-picked by Etsy

editors</div>

</div>

<div class="wt-block-grid-xs-2 wt-block-grid-md-3 wt-block-grid-lg-5">

<div class="wt-block-grid\_\_item ">

<div class="curated-content-card-container wt-justify-content-center wt-height-full ">

<div class="wt-grid\_\_item-xs-12 wt-height-full">

<div class="wt-card wt-card--contained wt-width-full wt-height-full">

<div

class="wt-height-full wt-display-flex-xs wt-flex-direction-column-xs wt-justify-content-space-between wt-card\_\_inner">

<img class="wt-flex-grow-xs-1 " alt="Anniversary gifts"

src="https://i.etsystatic.com/7408013/r/il/385c2c/1407503788/il\_340x270.1407503788\_dx38.jpg">

<a href="https://www.etsy.com/search?q=anniversary+gifts&ref=hp\_g-1&anchor\_listing\_id=725137274"

class="wt-card\_\_link wt-display-flex-xs wt-flex-xs-1 wt-justify-content-center wt-align-items-center ">

<div class="wt-p-xs-2">

<p

class="hp-text-title-xs-01 hp-text-title-md-02 wt-text-truncate--multi-line wt-text-center-xs">

Anniversary gifts

</p>

</div>

</a>

</div>

</div>

</div>

</div>

</div>

<div class="wt-block-grid\_\_item ">

<div class="curated-content-card-container wt-justify-content-center wt-height-full ">

<div class="wt-grid\_\_item-xs-12 wt-height-full">

<div class="wt-card wt-card--contained wt-width-full wt-height-full">

<div

class="wt-height-full wt-display-flex-xs wt-flex-direction-column-xs wt-justify-content-space-between wt-card\_\_inner">

<img class="wt-flex-grow-xs-1 " alt="Gifts for him"

src="https://i.etsystatic.com/20972224/r/il/57ccf2/2038882809/il\_340x270.2038882809\_r9pv.jpg">

<a href="https://www.etsy.com/search?q=gift+for+men&ref=hp\_g-2&anchor\_listing\_id=732641641"

class="wt-card\_\_link wt-display-flex-xs wt-flex-xs-1 wt-justify-content-center wt-align-items-center ">

<div class="wt-p-xs-2">

<p

class="hp-text-title-xs-01 hp-text-title-md-02 wt-text-truncate--multi-line wt-text-center-xs">

Gifts for him

</p>

</div>

</a>

</div>

</div>

</div>

</div>

</div>

<div class="wt-block-grid\_\_item ">

<div class="curated-content-card-container wt-justify-content-center wt-height-full ">

<div class="wt-grid\_\_item-xs-12 wt-height-full">

<div class="wt-card wt-card--contained wt-width-full wt-height-full">

<div

class="wt-height-full wt-display-flex-xs wt-flex-direction-column-xs wt-justify-content-space-between wt-card\_\_inner">

<img class="wt-flex-grow-xs-1 " alt="Gifts for her"

src="https://i.etsystatic.com/19648820/r/il/d6fc77/2345366255/il\_340x270.2345366255\_466g.jpg">

<a href="https://www.etsy.com/search?q=gift+for+women&ref=hp\_g-3&anchor\_listing\_id=791385186"

class="wt-card\_\_link wt-display-flex-xs wt-flex-xs-1 wt-justify-content-center wt-align-items-center ">

<div class="wt-p-xs-2">

<p

class="hp-text-title-xs-01 hp-text-title-md-02 wt-text-truncate--multi-line wt-text-center-xs">

Gifts for her

</p>

</div>

</a>

</div>

</div>

</div>

</div>

</div>

<div class="wt-block-grid\_\_item ">

<div class="curated-content-card-container wt-justify-content-center wt-height-full ">

<div class="wt-grid\_\_item-xs-12 wt-height-full">

<div class="wt-card wt-card--contained wt-width-full wt-height-full">

<div

class="wt-height-full wt-display-flex-xs wt-flex-direction-column-xs wt-justify-content-space-between wt-card\_\_inner">

<img class="wt-flex-grow-xs-1 " alt="Personalised gift ideas"

src="https://i.etsystatic.com/25179187/r/il/c4217f/3023745375/il\_340x270.3023745375\_8t4p.jpg">

<a href="https://www.etsy.com/search?q=personalised+gift&ref=hp\_g-4&anchor\_listing\_id=989831139"

class="wt-card\_\_link wt-display-flex-xs wt-flex-xs-1 wt-justify-content-center wt-align-items-center ">

<div class="wt-p-xs-2">

<p

class="hp-text-title-xs-01 hp-text-title-md-02 wt-text-truncate--multi-line wt-text-center-xs">

Personalised gift ideas

</p>

</div>

</a>

</div>

</div>

</div>

</div>

</div>

<div class="wt-block-grid\_\_item ">

<div class="curated-content-card-container wt-justify-content-center wt-height-full ">

<div class="wt-grid\_\_item-xs-12 wt-height-full">

<div class="wt-card wt-card--contained wt-width-full wt-height-full">

<div

class="wt-height-full wt-display-flex-xs wt-flex-direction-column-xs wt-justify-content-space-between wt-card\_\_inner">

<img class="wt-flex-grow-xs-1 " alt="Wedding gifts"

src="https://i.etsystatic.com/20509103/r/il/be5bca/3354805578/il\_340x270.3354805578\_fid3.jpg">

<a href="https://www.etsy.com/search?q=wedding+gift&ref=hp\_g-5&anchor\_listing\_id=1077463926"

class="wt-card\_\_link wt-display-flex-xs wt-flex-xs-1 wt-justify-content-center wt-align-items-center ">

<div class="wt-p-xs-2">

<p

class="hp-text-title-xs-01 hp-text-title-md-02 wt-text-truncate--multi-line wt-text-center-xs">

Wedding gifts

</p>

</div>

</a>

</div>

</div>

</div>

</div>

</div>

</div>

</div>

</div>

</div>

</body>

<!-- round profile like images -->

<body>

<div>

<div

class="wt-text-center-xs wt-hide-xs wt-show-lg wt-p-md-3 wt-p-xs-3 wt-text-black wt-bg-turquoise-tint">

<h1 class="wt-body-max-width wt-text-heading-01">

Find things you'll love. Support independent sellers. Only on Etsy.

</h1>

</div>

<h2

class="wt-text-center-xs wt-show-xs wt-hide-lg wt-pt-xs-3 wt-pl-xs-2 wt-pr-xs-2 wt-text-body-03 wt-pb-xs-0 wt-text-black wt-bg-turquoise-tint">

Find things you'll love. Support independent sellers. Only on Etsy.

</h2>

<div data-appears-component-name="Homepage\_Vesta\_ApiSpec\_ContentfulSearchBubbles">

<div class="bubbles wt-body-max-width wt-position-relative wt-mb-xs-7 ">

<div

class="background-color-block wt-viewport-width-full wt-position-absolute wt-bg-turquoise-tint">

</div>

<ul

class="wt-grid wt-grid--block wt-justify-content-center wt-pt-xs-1 wt-pl-xs-1 wt-pr-xs-1 wt-pt-md-0 wt-pl-md-4 wt-pr-md-4 wt-pl-lg-6 wt-pr-lg-6">

<li

class="shopping-window wt-display-flex-xs wt-flex-direction-column-xs wt-grid\_\_item-xs-4 wt-grid\_\_item-md-2 wt-pl-xl-6 wt-pr-xl-6">

<a href="https://www.etsy.com/search/home-and-living?q=wall+decor&mosv=sese&moci=746427500181&mosi=819138842962&ref=hp\_bubbles\_etsy\_everyday&anchor\_listing\_id=593435387&is\_merch\_library=true"

class="wt-text-link-no-underline shopping-window-interior">

<div class="wt-horizontal-center query-image-container">

<div

class="wt-position-relative wt-skeleton-ui--image-square wt-mb-xs-1 wt-mb-md-2 wt-mt-xs-2">

<img src="https://i.etsystatic.com/17095327/r/il/879610/2016510847/il\_300x300.2016510847\_kn0j.jpg"

class="query-image wt-position-absolute wt-position-top wt-position-left wt-b-xs wt-circle wt-width-full wt-height-full"

alt="" />

</div>

</div>

<div class="query-with-image-text--border">

<p class="wt-text-caption-title wt-line-height-tight wt-text-center-xs wt-text-truncate--multi-line wt-text-black query-with-image-text wt-mb-xs-1 wt-show-xs wt-hide-lg"

title="">

Wall decor

</p>

<p class="wt-text-title-01 wt-text-center-xs wt-text-truncate--multi-line wt-text-black query-with-image-text wt-mb-xs-1 wt-hide-xs wt-show-lg"

title="">

Wall decor

</p>

</div>

</a>

</li>

<li

class="shopping-window wt-display-flex-xs wt-flex-direction-column-xs wt-grid\_\_item-xs-4 wt-grid\_\_item-md-2 wt-pl-xl-6 wt-pr-xl-6">

<a href="https://www.etsy.com/search?q=personalized+gifts&mosv=sese&moci=720051757069&mosi=697518641416&ref=hp\_bubbles\_etsy\_everyday&anchor\_listing\_id=663345656"

class="wt-text-link-no-underline shopping-window-interior">

<div class="wt-horizontal-center query-image-container">

<div

class="wt-position-relative wt-skeleton-ui--image-square wt-mb-xs-1 wt-mb-md-2 wt-mt-xs-2">

<img src="https://i.etsystatic.com/8331303/r/il/f9e735/3928834851/il\_300x300.3928834851\_nw08.jpg"

class="query-image wt-position-absolute wt-position-top wt-position-left wt-b-xs wt-circle wt-width-full wt-height-full"

alt="" />

</div>

</div>

<div class="query-with-image-text--border">

<p class="wt-text-caption-title wt-line-height-tight wt-text-center-xs wt-text-truncate--multi-line wt-text-black query-with-image-text wt-mb-xs-1 wt-show-xs wt-hide-lg"

title="">

Gift Ideas

</p>

<p class="wt-text-title-01 wt-text-center-xs wt-text-truncate--multi-line wt-text-black query-with-image-text wt-mb-xs-1 wt-hide-xs wt-show-lg"

title="">

Gift Ideas

</p>

</div>

</a>

</li>

<li

class="shopping-window wt-display-flex-xs wt-flex-direction-column-xs wt-grid\_\_item-xs-4 wt-grid\_\_item-md-2 wt-pl-xl-6 wt-pr-xl-6">

<a href="https://www.etsy.com/search/home-and-living?q=outdoor&mosv=sese&moci=746427500181&mosi=794874196761&ref=hp\_bubbles\_etsy\_everyday&anchor\_listing\_id=550571276"

class="wt-text-link-no-underline shopping-window-interior">

<div class="wt-horizontal-center query-image-container">

<div

class="wt-position-relative wt-skeleton-ui--image-square wt-mb-xs-1 wt-mb-md-2 wt-mt-xs-2">

<img src="https://i.etsystatic.com/12418300/r/il/da5710/2446305498/il\_300x300.2446305498\_opq0.jpg"

class="query-image wt-position-absolute wt-position-top wt-position-left wt-b-xs wt-circle wt-width-full wt-height-full"

alt="" />

</div>

</div>

<div class="query-with-image-text--border">

<p class="wt-text-caption-title wt-line-height-tight wt-text-center-xs wt-text-truncate--multi-line wt-text-black query-with-image-text wt-mb-xs-1 wt-show-xs wt-hide-lg"

title="">

Outdoor & garden

</p>

<p class="wt-text-title-01 wt-text-center-xs wt-text-truncate--multi-line wt-text-black query-with-image-text wt-mb-xs-1 wt-hide-xs wt-show-lg"

title="">

Outdoor & garden

</p>

</div>

</a>

</li>

<li

class="shopping-window wt-display-flex-xs wt-flex-direction-column-xs wt-grid\_\_item-xs-4 wt-grid\_\_item-md-2 wt-pl-xl-6 wt-pr-xl-6">

<a href="https://www.etsy.com/search?q=self+care&mosv=sese&moci=452258308760&mosi=462421044583&ref=hp\_bubbles\_etsy\_everyday&anchor\_listing\_id=709336419"

class="wt-text-link-no-underline shopping-window-interior">

<div class="wt-horizontal-center query-image-container">

<div

class="wt-position-relative wt-skeleton-ui--image-square wt-mb-xs-1 wt-mb-md-2 wt-mt-xs-2">

<img src="https://i.etsystatic.com/15246890/r/il/f989cd/3399244981/il\_300x300.3399244981\_77c2.jpg"

class="query-image wt-position-absolute wt-position-top wt-position-left wt-b-xs wt-circle wt-width-full wt-height-full"

alt="" />

</div>

</div>

<div class="query-with-image-text--border">

<p class="wt-text-caption-title wt-line-height-tight wt-text-center-xs wt-text-truncate--multi-line wt-text-black query-with-image-text wt-mb-xs-1 wt-show-xs wt-hide-lg"

title="">

Self-care

</p>

<p class="wt-text-title-01 wt-text-center-xs wt-text-truncate--multi-line wt-text-black query-with-image-text wt-mb-xs-1 wt-hide-xs wt-show-lg"

title="">

Self-care

</p>

</div>

</a>

</li>

<li

class="shopping-window wt-display-flex-xs wt-flex-direction-column-xs wt-grid\_\_item-xs-4 wt-grid\_\_item-md-2 wt-pl-xl-6 wt-pr-xl-6">

<a href="https://www.etsy.com/search?q=gifts&mosv=sese&moci=1040853552759&mosi=1024953834554&ref=hp\_bubbles\_etsy\_everyday&anchor\_listing\_id=710422396&is\_discounted=true"

class="wt-text-link-no-underline shopping-window-interior">

<div class="wt-horizontal-center query-image-container">

<div

class="wt-position-relative wt-skeleton-ui--image-square wt-mb-xs-1 wt-mb-md-2 wt-mt-xs-2">

<img src="https://i.etsystatic.com/9281341/c/3000/3000/0/0/il/cb3aba/1987645382/il\_300x300.1987645382\_ti0u.jpg"

class="query-image wt-position-absolute wt-position-top wt-position-left wt-b-xs wt-circle wt-width-full wt-height-full"

alt="" />

</div>

</div>

<div class="query-with-image-text--border">

<p class="wt-text-caption-title wt-line-height-tight wt-text-center-xs wt-text-truncate--multi-line wt-text-black query-with-image-text wt-mb-xs-1 wt-show-xs wt-hide-lg"

title="">

On Sale

</p>

<p class="wt-text-title-01 wt-text-center-xs wt-text-truncate--multi-line wt-text-black query-with-image-text wt-mb-xs-1 wt-hide-xs wt-show-lg"

title="">

On Sale

</p>

</div>

</a>

</li>

<li

class="shopping-window wt-display-flex-xs wt-flex-direction-column-xs wt-grid\_\_item-xs-4 wt-grid\_\_item-md-2 wt-pl-xl-6 wt-pr-xl-6">

<a href="https://www.etsy.com/search?q=craft+kits&mosv=sese&moci=722453771780&mosi=745653159995&ref=hp\_bubbles\_etsy\_everyday&anchor\_listing\_id=764684768"

class="wt-text-link-no-underline shopping-window-interior">

<div class="wt-horizontal-center query-image-container">

<div

class="wt-position-relative wt-skeleton-ui--image-square wt-mb-xs-1 wt-mb-md-2 wt-mt-xs-2">

<img src="https://i.etsystatic.com/10172021/c/3000/3000/0/0/il/8dde61/3762806932/il\_300x300.3762806932\_oqmt.jpg"

class="query-image wt-position-absolute wt-position-top wt-position-left wt-b-xs wt-circle wt-width-full wt-height-full"

alt="" />

</div>

</div>

<div class="query-with-image-text--border">

<p class="wt-text-caption-title wt-line-height-tight wt-text-center-xs wt-text-truncate--multi-line wt-text-black query-with-image-text wt-mb-xs-1 wt-show-xs wt-hide-lg"

title="">

Craft kits

</p>

<p class="wt-text-title-01 wt-text-center-xs wt-text-truncate--multi-line wt-text-black query-with-image-text wt-mb-xs-1 wt-hide-xs wt-show-lg"

title="">

Craft kits

</p>

</div>

</a>

</li>

</ul>

</div>

</div>

</div>

</body>

<!-- ooper wale chote cards -->

<div>

<div data-appears-component-name="Homepage\_Vesta\_ApiSpec\_DiscoverFeed"

data-appears-event-data='{"title":"Discover Feed"}' class='wt-body-max-width'>

<div class="wt-body-max-width wt-text-center-xs wt-pl-xs-2 wt-pr-xs-2 wt-mb-xs-10 hp-mb-lg-15 wt-mt-xs-10"

data-hp-discover-feed>

<div class="wt-pb-xs-3 wt-text-center-xs wt-text-left-md">

<div class='wt-display-inline-block '>

<h2 class="hp-text-title-xs-02 hp-text-title-md-03">

Discover unique hand-picked items

</h2>

</div>

</div>

<div id="rana">

<div class="wt-tab-container wt-mb-xs-2 wt-mb-md-3">

<div class="wt-tab" role="tablist" aria-label="Discover unique hand-picked items">

<button class="wt-tab\_\_item wt-skeleton-ui--width-40 wt-mr-xs-3" tabindex="-1">

<img src="https://source.unsplash.com/1200x900/?computers,laptops" style="width:200px;" alt="">

<div class="wt-skeleton-ui wt-skeleton-ui--body-01"></div>

</button>

<button class="wt-tab\_\_item wt-skeleton-ui--width-40 wt-mr-xs-3" tabindex="-1">

<img src="https://source.unsplash.com/1200x900/?seince engineers,computers"style="width:200px;" alt="">

<div class="wt-skeleton-ui wt-skeleton-ui--body-01"></div>

</button>

<button class="wt-tab\_\_item wt-skeleton-ui--width-40 wt-mr-xs-3" tabindex="-1">

<img src="https://source.unsplash.com/1200x900/?computers,projects" style="width:400px;height: 130px;" alt="">

<div ></div>

</button>

<button class="wt-tab\_\_item wt-skeleton-ui--width-40 wt-mr-xs-3" tabindex="-1">

<img src="https://source.unsplash.com/1200x900/?seince engineers,projects"style="width:200px;" alt="">

<div class="wt-skeleton-ui wt-skeleton-ui--body-01"></div>

</button>

</div>

</div>

</div></div>

</div></div>

<!-- neecha wale normal size cards -->

<body>

<div id="" role="tabpanel" class="wt-mb-xs-2">

<div class="wt-grid wt-grid--block" data-loading-state>

<p class="wt-screen-reader-only">Loading...</p>

<div class="wt-grid\_\_item-xs-12 wt-grid\_\_item-md-50 wt-grid wt-p-xs-0 ">

<div>

<img src="https://source.unsplash.com/1200x900/?seince engineers,computers,laptops"

class="wt-grid\_\_item-xs-12 wt-grid\_\_item-lg-8 wt-flex-shrink-xs-1 wt-order-xs-1 wt-order-lg-0" alt="">

</div>

</div>

</div>

<div id="" role="tabpanel" class="wt-mb-xs-2">

<div class="wt-grid wt-grid--block" data-loading-state>

<p class="wt-screen-reader-only">Loading...</p>

<div class="wt-grid\_\_item-xs-12 wt-grid\_\_item-md-10 wt-grid wt-p-xs-0">

<div>

<img src="https://source.unsplash.com/1200x900/?seince engineering,projects"

class="wt-grid\_\_item-xs-12 wt-grid\_\_item-lg-8 wt-flex-shrink-xs-1 wt-order-xs-1 wt-order-lg-0" alt="">

</div>

</div>

</div>

</div>

</body>

<!-- chote peela wala What is Etsy? ka draro wala (skin) color ka footer -->

<body>

<main role="main" id="content">

<div data-async-homepage-modules>

<div data-appears-component-name="Homepage\_Vesta\_ApiSpec\_WhatIsEtsy">

<div class="wt-grid wt-body-max-width">

<div class="wt-grid\_\_item-xs-12">

<div class="wt-bg-beeswax-tint vesta-hp-full-width-banner wt-position-relative wt-pb-xs-6 wt-overflow-hidden"

data-selector="what-is-etsy-container">

<span class="wt-edge wt-fill-white wt-edge--smaller wt-edge--ratio-none"

aria-hidden="true"><svg xmlns="http://www.w3.org/2000/svg"

xmlns:xlink="http://www.w3.org/1999/xlink" viewBox="0 0 1400 48"

preserveAspectRatio="none" aria-hidden="true" focusable="false">

<path

d="M1400 0l-55 12-23 10-23 4-6-1-9 1-5 2-24 8h-11l-18-5-11-1-10-1h-7l-8 3-8 1-14-4v1l-3 1-9-5-3-1-17 2-10-1-9-1-8 1-7 1-2 1h-13l-2-1-13-2h-20l-11 2-14 3h-18l-10 1-3-1-2-1-4-1h-4l-16 1h-2l-7-1h-6l-8 1-6-2-5-1-2 1-20-1-10 2h-6l-11-1-9-1h-4l-3 1-19 1h-19l-3-1-11 1h-2l-7 3h-23l-3 1h-19l-16-1-17 1h-8l-2-1-20-2-4 1-4-1h-2l-12 1-2 1h-13l-9 1h-4l-6-1-10 1-9-1h-15l-9 2-12-2-12-2-3 2-5 2-11-3-6 1h-6l-28 1-5 2h-33l-3 1-4 2h-17l-5 1-4-1-7-1h-5l-4 1-13 3-2-2-2-1h-15l-22-1h-2l-11 1h-5l-2-1h-19l-9 1-6-1h-2l-9 2-15 2h-4l-12 1h-25l-12 1-7 1h-4l-4 1h-4l-4 1h-20l-3-1h-7l-1-1v-4l-1 1h-2l-9 1-2 2-6 2-7 1-5 2h-2l-3-2-8-1h-4l-11 3h-1l-3-2-11-3-20-6-9-3h-3l-9 2h-5l-11-4-13-3-11-15-21-4L0 0h1400z" />

</svg></span><span

class="wt-edge wt-fill-white wt-edge--smaller wt-edge--ratio-slice"

aria-hidden="true"><svg xmlns="http://www.w3.org/2000/svg"

xmlns:xlink="http://www.w3.org/1999/xlink" viewBox="0 0 1400 48"

preserveAspectRatio="xMidYMid slice" aria-hidden="true"

focusable="false">

<path

d="M1400 0l-55 12-23 10-23 4-6-1-9 1-5 2-24 8h-11l-18-5-11-1-10-1h-7l-8 3-8 1-14-4v1l-3 1-9-5-3-1-17 2-10-1-9-1-8 1-7 1-2 1h-13l-2-1-13-2h-20l-11 2-14 3h-18l-10 1-3-1-2-1-4-1h-4l-16 1h-2l-7-1h-6l-8 1-6-2-5-1-2 1-20-1-10 2h-6l-11-1-9-1h-4l-3 1-19 1h-19l-3-1-11 1h-2l-7 3h-23l-3 1h-19l-16-1-17 1h-8l-2-1-20-2-4 1-4-1h-2l-12 1-2 1h-13l-9 1h-4l-6-1-10 1-9-1h-15l-9 2-12-2-12-2-3 2-5 2-11-3-6 1h-6l-28 1-5 2h-33l-3 1-4 2h-17l-5 1-4-1-7-1h-5l-4 1-13 3-2-2-2-1h-15l-22-1h-2l-11 1h-5l-2-1h-19l-9 1-6-1h-2l-9 2-15 2h-4l-12 1h-25l-12 1-7 1h-4l-4 1h-4l-4 1h-20l-3-1h-7l-1-1v-4l-1 1h-2l-9 1-2 2-6 2-7 1-5 2h-2l-3-2-8-1h-4l-11 3h-1l-3-2-11-3-20-6-9-3h-3l-9 2h-5l-11-4-13-3-11-15-21-4L0 0h1400z" />

</svg></span>

<div

class="wt-text-center-xs wt-body-max-width wt-pb-xs-6 wt-pt-xs-6 wt-pl-xs-5 wt-pr-xs-5 wt-pl-md-10 wt-pr-md-10 wt-pl-lg-9 wt-pr-lg-9">

<h2 class="wt-text-heading-02 wt-mb-xs-1 wt-text-center-xs"> What is

Etsy? </h2>

<a class="wt-text-link" href="/about"> Read our wonderfully weird

story </a>

<div

class="wt-display-flex-xs wt-flex-direction-column-xs wt-flex-direction-row-lg wt-pt-xs-6 wt-text-center-xs wt-text-left-lg wt-mb-lg-7 wt-mb-xs-1">

<div class="wt-flex-xs-1 wt-mb-xs-5 wt-mb-lg-0">

<div data-selector="what-is-etsy-community-impact-container"

id="what-is-etsy-community-impact-container">

<h3 class="wt-text-title-03 wt-mb-xs-3"> A community

doing good </h3>

<p class="wt-text-body-01 wt-display-inline">

Etsy is a global online marketplace, where people

come together to make, sell, buy and collect unique

items. We’re also a community pushing for positive

change for small businesses, people, and the planet.

</p>

<div class="wt-popover wt-popover--top wt-display-inline"

data-wt-popover>

<a data-wt-popover-trigger

class="wt-popover\_\_trigger wt-popover\_\_trigger--underline wt-align-items-center"

aria-describedby="what-is-etsy-community-impact-popover">

<span class="wt-text-body-01">Here are some of

the ways we’re making a positive impact,

together.</span>

</a>

<div id="what-is-etsy-community-impact-popover"

role="tooltip" class="wt-text-left-xs">

<div data-appears-component-name="impact\_message"

data-appears-event-data='{"impact\_name":"hp\_whatisetsy\_community","impact\_themes":["general"],"impact\_audiences":["buyers"]}'>

<ul>

<li>Your purchases on Etsy in 2020

generated nearly $4 billion in

income for small businesses.</li>

<li>We advocate for policy - at the

global and local level - that

benefits creative entrepreneurs and

helps small businesses grow and

thrive.</li>

<li>We are deepening our commitment to a

sustainable future and are working

towards a new goal to reach net zero

emissions by 2030.</li>

</ul>

</div>

</div>

</div>

</div>

</div>

<div

class="wt-ml-lg-6 wt-mr-lg-6 wt-flex-xs-1 wt-mb-xs-5 wt-mb-lg-0">

<h3 class="wt-text-title-03 wt-mb-xs-3"> Support independent

creators </h3>

<p class="wt-text-body-01"> There’s no Etsy warehouse – just

millions of people selling the things they love. We make

the whole process easy, helping you connect directly

with makers to find something extraordinary. </p>

</div>

<div class="wt-flex-xs-1 wt-mb-xs-5 wt-mb-lg-0">

<h3 class="wt-text-title-03 wt-mb-xs-3"> Peace of mind </h3>

<p class="wt-text-body-01"> Your privacy is the highest

priority of our dedicated team. And if you ever need

assistance, we are always ready to step in for support.

</p>

</div>

</div>

<div class="wt-text-center-xs">

<h4 class="wt-text-title-02"> Have a question? Well, we’ve got

some answers. </h4>

<a class="wt-mt-xs-2 button wt-btn wt-text-black wt-btn--outline"

href=https://www.etsy.com/help?ref=hp\_what\_is\_etsy\_help\_center>Go

to Help Center</a>

</div>

</div>

</div>

</div>

</div>

</div>

<div id="google-one-tap-modal-div" class="google-one-tap-modal-div">

</div>

<div data-wt-overlay id="user-lists-overlay"

class="wt-overlay wt-display-none wt-position-fixed wt-position-bottom wt-overlay--has-close-icon collection-list-overlay "

role="dialog" aria-hidden="true" aria-modal="false"

aria-label="triggered-overlay-title"

data-animations='{ "open": { "mask": "wt-animated wt-animated--appear-02", "content": "wt-animated wt-animated--appear-02" }, "close": { "mask": "wt-animated wt-animated--disappear-02", "content": "wt-animated wt-animated--disappear-02" } }'>

<div class="wt-overlay\_\_modal collection-list-overlay-view wt-display-flex-xs wt-pb-xs-0 wt-pb-md-4 "

data-overlay-modal>

<div data-collection-list data-max-characters=50

class="wt-overflow-hidden favorites-modal-collection-list wt-width-full">

<button class="wt-btn wt-btn--icon wt-btn--tertiary wt-btn--light wt-overlay\_\_close-icon

" data-wt-overlay-close data-overlay-initial-focus aria-label="Close">

<span class="etsy-icon"><svg xmlns="http://www.w3.org/2000/svg"

viewBox="0 0 24 24" aria-hidden="true" focusable="false">

<path

d="M13.414,12l6.293-6.293a1,1,0,0,0-1.414-1.414L12,10.586,5.707,4.293A1,1,0,0,0,4.293,5.707L10.586,12,4.293,18.293a1,1,0,1,0,1.414,1.414L12,13.414l6.293,6.293a1,1,0,0,0,1.414-1.414Z" />

</svg></span>

</button>

<div data-collection-list-section

class="favorites-modal--collection-list-section wt-position-relative wt-flex-direction-column-xs wt-height-full wt-align-items-center">

<div

class="wt-overlay\_\_header wt-display-flex-xs wt-align-items-center wt-justify-content-center ">

<img src="https://source.unsplash.com/1200x900/?nature,waterfall"

alt="An image of the listing you can save"

class="wt-mr-xs-3 add-to-list-overlay--img" />

<h3 class="wt-text-heading-01 ">

Add to collection

</h3>

</div>

<div class="collection-list-loading-container" data-spinner-container>

<div class="wt-spinner wt-spinner--02">

<div>Loading</div>

</div>

</div>

<div class="wt-display-none collection-list-loading-container"

data-collection-list-fail-state>

<div class="wt-vertical-center wt-text-center-xs wt-text-gray">

<p>Hmm, something went wrong.</p>

<p>Try that again.</p>

</div>

</div>

<fieldset class="wt-max-width-full wt-pr-xs-2 wt-overflow-scroll">

<div class="wt-display-none wt-width-full wt-action-group wt-action-group--image wt-list-inline wt-mb-xs-0"

data-collection-list-content>

<span class="wt-p-xs-0 wt-width-full wt-mb-xs-2">

<input type="checkbox" id="create\_new\_list" />

<label for="create\_new\_list" data-add-list-trigger

class="add-to-list-overlay-row wt-width-full wt-display-flex-xs wt-align-items-center">

<div

class="add-list--trigger add-to-list-overlay-row--icon wt-text-white wt-rounded-02 wt-display-flex-xs wt-justify-content-center wt-align-items-center">

<span class="etsy-icon"><svg

xmlns="http://www.w3.org/2000/svg"

viewBox="0 0 24 24" aria-hidden="true"

focusable="false">

<path

d="M20,11H13V4a1,1,0,0,0-2,0v7H4a1,1,0,0,0,0,2h7v7a1,1,0,0,0,2,0V13h7A1,1,0,0,0,20,11Z" />

</svg></span>

</div>

<p class="wt-pl-xs-2 wt-text-title-01">

Create new collection

</p>

</label>

</span>

</div>

</fieldset>

<div class="wt-overlay\_\_sticky-footer-container wt-width-full">

<div

class="favorites-modal--overflow\_\_indicator wt-bg-gray wt-position-absolute wt-position-left wt-position-right wt-display-none">

</div>

<div

class="wt-overlay\_\_footer wt-justify-content-flex-end wt-pt-md-4">

<div class="wt-overlay\_\_footer\_\_action">

<button type="button" class="wt-btn

wt-btn--primary wt-pr-md-7 wt-pl-md-7" data-wt-overlay-close>Done</button>

</div>

</div>

</div>

</div>

<div class="wt-display-none" data-add-collection-section data-listing-id="">

<div data-collection-list-add>

<div class="wt-overlay\_\_header">

<h3 class="wt-text-heading-01 wt-text-center-xs">

Create new collection

</h3>

</div>

<div

class="wt-display-flex-xs wt-flex-direction-row-xs wt-align-items-baseline">

<div class="wt-validation wt-width-full">

<label class="wt-label" for="edit-list">Name</label>

<input data-add-collection-input autofocus

aria-invalid="false" type="text" class="wt-input"

id="edit-list" placeholder="Gifts, Home, Wedding, etc.">

<div

class="wt-display-flex-xs wt-justify-content-space-between">

<div>

<div data-duplicated-name-alert

data-error="duplicate\_name"

class="wt-validation\_\_message wt-validation\_\_message--is-hidden wt-text-red">

You've already used that name</div>

<div data-too-long-alert data-error="too\_long"

class="wt-validation\_\_message wt-validation\_\_message--is-hidden wt-text-red">

Collection name is too long

</div>

</div>

<p class="wt-text-right-xs wt-text-gray wt-mt-md-1"

data-character-count>50</p>

</div>

</div>

</div>

<div

class="wt-display-flex-xs wt-justify-content-space-between wt-mt-xs-1">

<div>

<legend class="wt-text-title-01 wt-mt-xs-1">

Make this collection private?

</legend>

<p class="wt-text-body-01 privacy-modal-body">

If you don't want others to see this collection, make it

private.

<a href="https://www.etsy.com/legal/privacy/"

target="\_blank">See our privacy policy</a>

</p>

</div>

<div>

<div class=" wt-display-flex-md wt-align-items-center switch-privacy-control"

id="collection-privacy-control" data-label-yes="Yes"

data-label-no="No" data-selector="toggle-switch">

<span

class="wt-mr-xs-2 wt-text-title-01 wt-display-hide-xs wt-show-md">

No

</span>

<input class="wt-switch wt-switch--small"

type="checkbox" id="collection-privacy-toggle"

aria-label=" No"/><label class="wt-switch\_\_toggle"

for="collection-privacy-toggle"

aria-hidden="true"></label>

</div>

</div>

</div>

<div data-collection-list-add-footer>

<div class="wt-overlay\_\_footer">

<div class="wt-overlay\_\_footer\_\_cancel">

<button type="button"

class="wt-btn wt-btn--transparent wt-btn--transparent-flush-left wt-btn--transparent-flush-right"

data-overlay-back>Cancel</button>

</div>

<div class="wt-overlay\_\_footer\_\_action">

<button type="button" class="wt-btn wt-btn--primary"

data-add-collection-button disabled="true">

Create collection

</button>

</div>

</div>

</div>

</div>

<div class="wt-overlay wt-overlay--alert" id="make-public-list-modal"

data-wt-overlay aria-hidden="true" role="alertdialog"

aria-modal="false">

<div class="wt-overlay\_\_modal" data-overlay-modal>

<div class="wt-overlay\_\_header">

<h2 class="wt-text-heading-01 wt-text-center-xs">

Make your collection public?

</h2>

</div>

<div

class="wt-display-flex-xs wt-justify-content-space-between">

<div>

<p>

Public collections can be seen by the public,

including other shoppers, and may show up in

recommendations and other places.

</p>

</div>

</div>

<div class="wt-overlay\_\_footer">

<div class="wt-overlay\_\_footer\_\_cancel">

<button type="button"

data-selector="cancel-make-public-button"

class="wt-btn wt-btn--transparent wt-btn--transparent-flush-left wt-btn--transparent-flush-right">Cancel</button>

</div>

<div class="wt-overlay\_\_footer\_\_action">

<button type="button" data-selector="make-public-button"

class="wt-btn wt-btn--primary">Make Public</button>

</div>

</div>

</div>

</div>

</div>

</div>

</div>

</div>

</div>

</main>

</body>

<!-- poora neela(blue) wala draro wala (blue) color ka footer -->

<body>

<div id="collage-footer" class="site-footer wt-horizontal-center responsive-nav-experiment

wt-pt-xs-4

">

<footer class="footer-redesign" role="contentinfo" aria-labelledby="footer-label">

<h2 class="wt-screen-reader-only" id="footer-label">

Footer

</h2>

<div class="prepended-background-shape wt-body-max-width wt-nudge-t-4">

<span class="inline-svg"><svg xmlns="http://www.w3.org/2000/svg"

class="wt-fill-denim-tint wt-width-full" viewBox="0 0 1280 30"

preserveAspectRatio="xMidYMid slice" aria-hidden="true" focusable="false">

<path

d="M1280 30h-8.1c-5.7 0-37-10.9-37.4-10.7-2.2 1.2-17.6-.8-19.9-4.1 0 0-9.8-3.3-10.3-3.3-1.3 0-12.6 3-13 2.5-.7-.7-13.8-3.7-13.8-5.3-2.3 1.3-21.2-7.8-23.4-6.7-1-.8-2.2-1.5-3.3-2.4-1.8 1.9-3.3 3.4-4.7 4.9-2.7-.8-4.8-1.4-7.1-2.1-.5.1-1 .3-1.5.5-4 1.3-5.3 1-7.3-1.3-1.7-2.1-5.3-2.2-8.1-.8-2 1-4.6 2.6-6.5 2.3-4.5-.7-6 1.1-8.1 2.6-1.5 1.1-3.1 2.1-4.6 3.1-1.8-.8-3.5-1.2-5.3-2-.3.8-.7 1.3-.8 2-.5 0-.8 0-1.2-.1V3.5c-2 .8-3.5 1.2-4.8 1.8-1.3-.8-2.3-1.6-3.5-2.4-5.1 1.2-10.1 2-15.3.1-.8-.3-2.2-.3-3-.1-1.2.3-2.2 1-3.3 1.6-1.2-.3-2.3-.8-3.8-1.1-1.7 1.1-3 2.9-6.5 1.6-.8-.3-2.3.1-3.5.3-4 .8-7.8 1.4-11.9 2-1.5.2-3-.2-4.7-.3-1-.1-1.8-.2-2.8-.2-6-.3-11.8 2.3-17.8.1-.5-.2-1.3-.2-1.8-.1-3.8 1.6-8.3 1.2-12.5 1.3-1 0-2.2.5-3.1.9-1.8.8-9.5 1.5-11.5 1.1-4.5-.8-8.1-.3-10.1 2.3-12.8-1.6-12.8-1.6-17.1.9-2.3-.4-6-1.6-7.1-1.1-4.7 2.4-7 .2-9.8-1.4-5 1.1-10.8-.8-15.8 1.4-7.3-2.7-14.9-2.7-22.9-.2-5-3.7-9.6-3.8-13.8 0-.3-1.3-.7-2.5-1-3.8-3.3.8-6.1 1.1-8.6 1.8-2.7.7-6 2.3-7.5 1.9-4.2-1.3-5.3 1.8-9 1.4-1-.9-2.3-2.2-4-3.5-1.3.3-2.8.7-4 1-3.5 1.1-6.8 2-10.3 0-.5-.3-1.8-.2-2.8-.1-2.5.2-4.8.7-7.5.9-.8.9-1.7 1.9-2.3 2.9-8.5-1.1-16.4-2.6-24.7-.4-.3.1-1.2-.1-1.7-.3-2.3-1.2-3.7-.3-5.1.8-1.2.7-2.7 1.8-4 1.8-7.3.2-14.8-.4-22.1.3-3 .3-6.8-.3-9 .7-3.3 1.5-6 .9-9.1.5-2.7-.4-5-.9-7.1-2.1-2-1-4.3-.5-4.6 1.1-.3 1.5-1.8 2.3-3.7 2.1-3.3-.8-6.8-.3-10-1.8-4.8-2.1-10.6-2.7-16.3-.7-1.7.7-3.3 1-5 1.6-.3.1-.8.1-1.5.1-1.2-.7-2.3-1.2-3.5-1.9-2 1.8-4.6 1.8-7.1.9-2.8-.8-5.6-1.3-8.8-.9-2.7.3-5.5.5-8.3.7-2 .1-4.5.8-5.8-.9-.2-.3-1.5-.4-2.2-.3-3.7.7-7.3 1.5-11 2.2-.2-.3-.5-.5-.5-.7-.2-.3-.2-.8-.2-.8-1.8.5-3.7 1.2-5.6 1.4-1.8.2-4.7-.7-5.8-.1-3.8 1.9-8.1 1.2-12.3 1.9-2.2-2.5-2.2-2.5-5.8-.9-.7.3-1.5.5-2.3.5-3-.1-6.1-.2-9.1-.5-2.7-.3-5.6-.5-7.6-1.4s-3.8-1.3-6.1-1.2c-4.6.2-9.3.3-13.9.5-4.3.2-8.6.4-14.3.8-1.7-.5-4.7-1.2-7.5-2.2-3.7-1.4-7.1-1.4-10.8.1-1.7.7-4.5 1.6-5.5 1.2-3.3-1.4-1.7 1.3-3 1.1-1.8-.3-3.7-.9-5.1-.7-3.7.4-7.1-.2-10.8-.1-5 .1-10 0-11.6 4.1-5-2.4-9.1-1-13 .5-1.3-.8-2.2-1.4-2.8-1.9-1.7.5-3 1.3-4.2 1.1-2.7-.3-5-1.1-7.3-1.8-1 .4-2 1-3 1.1-5.1.4-10.3.4-15.3.9-2 .2-5-.5-6.6 1.1-.3.3-2.8.4-3.3 0-2.2-1.9-5.1-1.2-8-1-3.3.3-6.6.5-9.8-.7-1.5-.5-4-.8-5.3-.2-4.6 1.9-9.5 2.6-14.9 3.3-5.6.8-9.8-.5-13.9-2.2-1.7 1-3.3 1.6-5.5.4-4.8-3-10.1-2.1-15.6-.7-2.8-.8-5.5-3.3-9.6-1.2-5.6-.8-11.1-.7-16.4 1-.7.2-2 .1-2.3-.2-1.7-1-3.5-1.8-6-1.6-1.2-2.5-4-.9-6.1-.8-2.5 0-5.1 1-7.1.5-2.5-.7-5-.4-7.3-.8-2.8-.4-6 .8-9 .8-5.3.3-10 1.4-13.9 3.6-.8.4-1.7.9-2.5.9-3.8.3-7.6.7-11.5.4-3.7-.3-7.3-.7-11.1-.1-1 .1-2.3-.5-3.3-.9-2.5-1-4.8-1.9-8.1-1.1-2.2.4-4.2 0-3.8-1.8-2.3.1-5 .8-7.1.3-2-.4-3-.9-4.5.5-.7.5-3.2.1-4.6.5-4.2.9-8.1 2.4-12.3 3-2.2.3-5.5.3-7.5-1.3-3.5-2.6-5.3-2.4-11-.9-1.3.3-2.8.8-4.3.9-3.3.2-6.8.3-10.8.5-2-2.9-6-5.2-11.5-7v3.1c-4.5-3.8-10.8-3-16.1-4.4-4.5 1.8-9 3.4-14.6 5.5-5-1-9.6-3.1-15.3-1.2-1 .3-3.2.1-4-.4-3.2-1.9-7.5-1.9-11-3.2-4.2-1.6-8.8-2.9-13.3-4.2-1.2-.3-11.8 2.4-13 2.4-6.6 0-20.3 11.5-25.6 9.8-6.1-2-13 .2-20.1-1-8.1 2.3-15.3 7.2-19.8 7.7H0M172.9 20c.1 0 .3 0 0 0z" />

</svg></span>

</div>

<div class="wt-bg-denim-tint wt-pb-xs-6">

<div class="wt-text-center-xs wt-pl-xs-4 wt-pr-xs-4 wt-pt-xs-3 wt-pt-md-6">

<form action="/email-subscriptions/form?from\_page=https%3A%2F%2Fwww.etsy.com%2F" method="POST"

class="subscribe-form not-signed-in" data-finds-form>

<input type="hidden" name="campaign\_name" value="" />

<input type="hidden" name="campaign\_slug" value="new\_at\_etsy" />

<input type="hidden" name="subscribe" value="true" />

<input type="hidden" name="ref" value="" />

<input type="hidden" name="\_nnc"

value="3:1654781894:E8J7GKUfq1urX3vZN8rhiYKS8D-g:e1c7f3352294730d809d7a55ed338a5cd94cea4f266077e1e26e6be2f4d920c7" />

<div class="wt-mb-xs-3">

<p class="wt-text-title-01 wt-mb-xs-2">Yes! Send me exclusive offers, unique gift ideas, and

personalised tips for shopping and selling on Etsy.</p>

</div>

<div class="wt-max-width-sm wt-validation">

<label class="wt-label wt-mt-xs-4 wt-screen-reader-only"

for="email-list-signup-email-input">Enter your email</label>

<div class="wt-input-btn-group" data-email-list-signup-form-elements>

<input class="wt-input-btn-group\_\_input wt-text-body-01"

id="email-list-signup-email-input" placeholder="Enter your email"

name="email\_address" data-email-list-signup-email-input>

<button type="submit" class="wt-btn wt-input-btn-group\_\_btn"

data-email-list-signup-btn-input>

Subscribe

<div class="wt-spinner wt-spinner--01 wt-display-none" role="alert"

aria-live="assertive">

<span class="etsy-icon"><svg xmlns="http://www.w3.org/2000/svg"

viewBox="0 0 24 24" aria-hidden="true" focusable="false">

<circle fill="transparent" cx="12" cy="12" r="10" />

</svg></span>

Loading

</div>

</button>

</div>

</div>

<div class="g-recaptcha-etsy" data-sitekey="6Ldgkr0ZAAAAAGnf08YhMemepXW29Ux9rtJCcBD3"

data-etsy-autoload="false" data-recaptcha-version="enterprise"

data-recaptcha-key-type="score" id="g-recaptcha-etsy-public\_email\_subscribe-score"

data-badge="inline" data-recaptcha-action="public\_email\_subscribe">

</div>

<div

class="wt-alert wt-alert--inline wt-alert--error-01 wt-display-none js-recaptcha-load-error">

<p class="wt-text-body-01">Captcha failed to load. Try using a different browser or

disabling ad blockers.</p>

</div>

<input id="g-recaptcha-etsy-public\_email\_subscribe-score-input" type="hidden"

name="enterprise\_recaptcha\_token" value="" />

<input id="g-recaptcha-etsy-public\_email\_subscribe-score-input-key-type" type="hidden"

name="enterprise\_recaptcha\_token\_key\_type" value="score" />

<div class="wt-text-center wt-mt-xs-2 wt-validation wt-max-width-sm">

<div class="wt-validation\_\_message wt-validation\_\_message--is-hidden wt-text-body-01"

id="email-list-signup-invalid-email" role="alert" aria-live="polite" data-invalid-email

data-submission-error-response>

Please enter a valid email address.

</div>

<div class="wt-alert wt-alert--inline wt-alert--status-01 wt-display-none wt-text-body-01"

role="alert" aria-live="polite" data-requires-signin data-submission-response>

Looks like you already have an account! Please <a

href="/signin?from\_page=https%3A%2F%2Fwww.etsy.com%2F&workflow=c3Vic2NyaWJlX3RvX2VtYWlsX2xpc3Q6bmV3X2F0X2V0c3k6MTY1NDc4MjQ5NDpjM2M1MmI0MDExNzEwNGUzNTVmMmZjODVlODFlYjBmNg=="

data-campaign-slug="new\_at\_etsy">Log in</a> to subscribe.

</div>

<div class="wt-alert wt-alert--inline wt-alert--status-01 wt-display-none wt-text-body-01"

role="alert" aria-live="polite" data-requires-signup data-submission-response>

You've already signed up for some newsletters, but you haven't confirmed your address.

<a href="/join?from\_url=https%3A%2F%2Fwww.etsy.com%2F" class=""

data-campaign-slug="new\_at\_etsy">Register</a> to confirm your address.

</div>

<div class="wt-alert wt-alert--inline wt-alert--success-01 wt-display-none wt-text-body-01"

role="alert" aria-live="polite" data-success-signed-in data-success-no-email-signed-in

data-success-no-email-signed-out data-submission-response>

You've been successfully signed up!

</div>

<div class="wt-alert wt-alert--inline wt-alert--success-01 wt-display-none wt-text-body-01"

role="alert" aria-live="polite" data-success-signed-out data-submission-response>

Great! We've sent you an email to confirm your subscription.

</div>

<div class="wt-validation\_\_message wt-validation\_\_message--is-hidden wt-text-body-01"

id="email-list-signup-generic-error" role="alert" aria-live="polite" data-generic-error

data-submission-error-response>

There was a problem subscribing you to this newsletter.

</div>

</div>

</form>

</div>

</div>

<div class=" wt-bg-denim-tint">

<div data-appears-component-name="impact\_message"

data-appears-event-data='{"impact\_name":"footer\_renewable\_impact","impact\_themes":["sustainability"],"impact\_audiences":["buyers"]}'>

<div class="footer-impact-callout wt-position-relative">

<span

class="wt-edge wt-fill-denim-light wt-edge--smaller wt-nudge-t-4 wt-edge--top wt-edge--ratio-none"

direction="top" aria-hidden="true"><svg xmlns="http://www.w3.org/2000/svg"

viewBox="0 0 1400 48" preserveAspectRatio="none" aria-hidden="true" focusable="false">

<path

d="M839 47l7-1 4-1 2 1h4l3-1 3-1 2 1 1-1 8-1 2 1h4l5-1 2-1h5l2-1 1 1h6l2-1h9l2-1h4l3-1h27v1h10l1 1h3l3-1 1 1h11l6 2v-1h4l1-1h10l2 1h7l2 1h3l2 1h2l1-1h6v1h2l1-1 1 1h1l3 1h7l1 1h6l1-1h3l1 1 5-1h17l4-1h4l3 1h2l1 1h19l2-1h5v1l1-1h2l1 1h9l1-1 1 1 4-1h12l1-1h4l1-1h2l3-1h5v-1h11l1 1h6l2 1h3l1-1 2-1h1l2-1h5l2-1 2 1h2l2 1h5l1 1h2l2 1h1l1-2 1-1 2-1h10l2 1h6l1 1h2l1-2 2-1 1-1 2-1h12l1 1h19l1-1h6l1-1 3 1h7l2 2 1 1 7-1 1-1 2-1h4l2-1 1-1h6l1-1 2 1 3-1h9l1-1h2l2-1h2l1-1h1l4-1 3 1h1l1-1h2l1-1 2-1h2l2-1v-1h12l3-1h2l2-1h2l3 1 1-1 1-1h14V0H0v2h2v1-1h10l1 1 2-1h3l1 1h1V2h4l2 1v1l1-1h1l1 1V3l4 1h4l1 1h2l1-1h-1l1-1 1 1 2 1h1l2-1h7l2 1h9l2 1h3l1-1h4l2 1 2 1 2-1h8l1-1 1 1h4l2 1 3-1h10l1 1h3l3 1h1V7l2 1h4l1 1h1l1-1h5l3 1h2l1-1 1 1 1-1 2 1h5l1 1h1V8h1l2 1 1 1h4-1l1-1h1l2 1h2l1-1h1l3 1h20v1-1l1 1h2l2 1h2l2 1 2 1h6l1-1h4l1-1h2l5-1 3 1h9l1-1h2l1-1h4v1h3l4-2 3-1h2l1-1h6l8 1 3 1h3l2 1 1-1h1l2-1h9l4-1 6-2h6l2-1h7l5-1h1l1-1h15l1 1 2-1 2 1h2l1-1h1v1h1l6 1h2l1-1h4l2-1 4 1h5l2 1h1l1-1h3v1h2l3 1h5l1-1 1 1 1-1 2 1h6l2 1 3 1h1l2-1 2 1h8l2-1 2 1h4l2-1 2 1h4l1-1h9l3-1h4l1 1h4l2 1h18l3-1h4l1 1 1-1h2l1 1h7l2-1h1l1 1 4-1h11l2-1h2V4l1 1 4 1h1l2 1v1l4 1 4 1 3-1-1 1h2l1 1h2l-1 1h2l3 1 5 1 6 1 4 1 2 2 4-1h3l4 2 2-1h9l1 1h1l1-1 1 2 5-1h2l3-1 4 2 3 1 5 1 3-1 2 2 1 1 1 1h2l1 1 7 2h1l1 1h3l4 3 1-1 4 1 3 1h4l3 1 1 1h4l2 2h3l3 3h2l2 1h2l5 1 1-1 3 1 4 2v1l7-1-1 1h11l5 2h3l2-1v-2l2-1h9l3-2 4 1h5l3-1h5l5 1 1 1 2-1h5l2 1h4l4 1h4l2-1 4 2h1l2-1 2 1 1-2 1 1 2-1 1 1h15v1l3-1h1l3-1 1 1 1-1h2l6 2 1-1 3 1h3l3 1h3l8 2 5-1v1l2-1h1z" />

</svg></span>

<span

class="wt-edge wt-fill-denim-light wt-edge--smaller wt-nudge-t-4 wt-edge--top wt-edge--ratio-slice"

direction="top" aria-hidden="true"><svg xmlns="http://www.w3.org/2000/svg"

viewBox="0 0 1400 48" preserveAspectRatio="xMidYMid slice" aria-hidden="true"

focusable="false">

<path

d="M839 47l7-1 4-1 2 1h4l3-1 3-1 2 1 1-1 8-1 2 1h4l5-1 2-1h5l2-1 1 1h6l2-1h9l2-1h4l3-1h27v1h10l1 1h3l3-1 1 1h11l6 2v-1h4l1-1h10l2 1h7l2 1h3l2 1h2l1-1h6v1h2l1-1 1 1h1l3 1h7l1 1h6l1-1h3l1 1 5-1h17l4-1h4l3 1h2l1 1h19l2-1h5v1l1-1h2l1 1h9l1-1 1 1 4-1h12l1-1h4l1-1h2l3-1h5v-1h11l1 1h6l2 1h3l1-1 2-1h1l2-1h5l2-1 2 1h2l2 1h5l1 1h2l2 1h1l1-2 1-1 2-1h10l2 1h6l1 1h2l1-2 2-1 1-1 2-1h12l1 1h19l1-1h6l1-1 3 1h7l2 2 1 1 7-1 1-1 2-1h4l2-1 1-1h6l1-1 2 1 3-1h9l1-1h2l2-1h2l1-1h1l4-1 3 1h1l1-1h2l1-1 2-1h2l2-1v-1h12l3-1h2l2-1h2l3 1 1-1 1-1h14V0H0v2h2v1-1h10l1 1 2-1h3l1 1h1V2h4l2 1v1l1-1h1l1 1V3l4 1h4l1 1h2l1-1h-1l1-1 1 1 2 1h1l2-1h7l2 1h9l2 1h3l1-1h4l2 1 2 1 2-1h8l1-1 1 1h4l2 1 3-1h10l1 1h3l3 1h1V7l2 1h4l1 1h1l1-1h5l3 1h2l1-1 1 1 1-1 2 1h5l1 1h1V8h1l2 1 1 1h4-1l1-1h1l2 1h2l1-1h1l3 1h20v1-1l1 1h2l2 1h2l2 1 2 1h6l1-1h4l1-1h2l5-1 3 1h9l1-1h2l1-1h4v1h3l4-2 3-1h2l1-1h6l8 1 3 1h3l2 1 1-1h1l2-1h9l4-1 6-2h6l2-1h7l5-1h1l1-1h15l1 1 2-1 2 1h2l1-1h1v1h1l6 1h2l1-1h4l2-1 4 1h5l2 1h1l1-1h3v1h2l3 1h5l1-1 1 1 1-1 2 1h6l2 1 3 1h1l2-1 2 1h8l2-1 2 1h4l2-1 2 1h4l1-1h9l3-1h4l1 1h4l2 1h18l3-1h4l1 1 1-1h2l1 1h7l2-1h1l1 1 4-1h11l2-1h2V4l1 1 4 1h1l2 1v1l4 1 4 1 3-1-1 1h2l1 1h2l-1 1h2l3 1 5 1 6 1 4 1 2 2 4-1h3l4 2 2-1h9l1 1h1l1-1 1 2 5-1h2l3-1 4 2 3 1 5 1 3-1 2 2 1 1 1 1h2l1 1 7 2h1l1 1h3l4 3 1-1 4 1 3 1h4l3 1 1 1h4l2 2h3l3 3h2l2 1h2l5 1 1-1 3 1 4 2v1l7-1-1 1h11l5 2h3l2-1v-2l2-1h9l3-2 4 1h5l3-1h5l5 1 1 1 2-1h5l2 1h4l4 1h4l2-1 4 2h1l2-1 2 1 1-2 1 1 2-1 1 1h15v1l3-1h1l3-1 1 1 1-1h2l6 2 1-1 3 1h3l3 1h3l8 2 5-1v1l2-1h1z" />

</svg></span>

<div

class="wt-bg-denim-light wt-text-white wt-text-center-xs wt-text-body-01 wt-pb-xs-2 wt-pt-xs-2">

<div class="wt-popover wt-popover--top" data-wt-popover>

<button data-wt-popover-trigger

class="wt-popover\_\_trigger wt-popover\_\_trigger--underline wt-display-flex-md wt-align-items-center"

aria-describedby="footer-environmental-impact-popover-content">

<div class="wt-flex-md-auto wt-mb-xs-1 wt-mb-md-0">

<span class="wt-icon wt-icon--larger"><svg xmlns="http://www.w3.org/2000/svg"

viewBox="0 0 96 96" aria-hidden="true" focusable="false">

<path

d="M60.1 38H49v11h-2V38H35.9c1.931 9.368 6.626 17 12.1 17 5.474 0 10.171-7.632 12.1-17zm-25.145-9.5c-.003 2.511.19 5.019.577 7.5H47V18.522l-10.925.238a41.683 41.683 0 00-1.12 9.74zM47 2.31c-4.1 1.24-8.18 7.168-10.38 14.437L47 16.52V2.31z" />

<path

d="M57.52 9.45l1.784-.9a31.775 31.775 0 012.558 7.65l9.117-.2.042 2-8.78.19c.55 3.41.818 6.857.8 10.31a50.836 50.836 0 01-.54 7.5H72v2h-9.846c-1.6 8.2-5.244 15.053-9.862 17.754C66.834 54.079 76 43.793 76 28.589c0-8.962-2.958-16.353-8.554-21.373A25.424 25.424 0 0049 1.04v15.438l10.83-.236a29.32 29.32 0 00-2.31-6.791zM43.51 55.643c-4.525-2.78-8.086-9.564-9.665-17.643H24v-2h9.5a50.84 50.84 0 01-.549-7.5 43.776 43.776 0 011.075-9.7l-9.009.2-.042-2 9.562-.208c1.89-6.667 5.317-12.436 9.432-15.143C29.71 4.412 20 15.13 20 28.589a27.636 27.636 0 0023.51 27.054z" />

<path

d="M61.045 28.5a60.27 60.27 0 00-.818-10.265L49 18.479v17.52h11.468c.388-2.48.58-4.988.577-7.5zM91.7 60c-2.182 4.525-5.734 8.62-10.832 13.719l-1.414-1.414c6.6-6.6 10.511-11.424 12.08-17.7.072-.415.137-.832.215-1.278.607-3.48.262-5.951-1.027-6.068-.72-.066-1.559.68-1.947 2.3a30.158 30.158 0 01-2.454 8.148c-1.78 4.663-8.575 11.048-8.865 11.318l-1.366-1.461c.068-.063 6.8-6.391 8.381-10.62l.061-.133a30.644 30.644 0 002.526-9.148c.11-1.886.095-6.433-1.793-6.552-2.085-.132-2.537 3.505-3.367 7.379-.259 1.21-.89 3.456-1.153 4.243a1.55 1.55 0 01-.09.177c-1.386 4.053-5.32 7.859-5.515 8.045-2.984 2.983-9.707 9.74-9.707 9.74L64.01 69.3s6.726-6.761 9.727-9.761a28.158 28.158 0 003.064-3.6c.5-.788 1.452-2.646.55-3.572-1.148-1.178-3.287-.648-6.08.748-1.98.992-11.21 7.08-15.384 13.34-1.99 2.985-2.772 8.839-3.042 14.2l13.18 2.724 6.8 1.359a8.92 8.92 0 011-.778c7.075-4.74 14.663-11.833 17.317-16.54 3.566-6.32 1.988-7.52.558-7.42zM52.774 82.673l-.77 10.252 1.993.15.595-7.913 10.616 2.123 3.765.778L70.02 93.2l1.96-.4-.885-4.338 2.592.518.392-1.96-8.447-1.69-12.858-2.657zm-29.242 2.055l6.77-1.354 13.206-2.73c-.27-5.36-1.052-11.214-3.042-14.2-4.173-6.258-13.4-12.347-15.384-13.34-2.793-1.4-4.932-1.925-6.08-.747-.9.926.054 2.784.55 3.572a28.158 28.158 0 003.064 3.6c3 3 9.727 9.76 9.727 9.76l-1.418 1.41s-6.723-6.757-9.707-9.74c-.2-.186-4.129-3.992-5.515-8.045a1.74 1.74 0 01-.09-.177c-.263-.787-.894-3.033-1.153-4.243-.83-3.874-1.282-7.511-3.367-7.38-1.888.12-1.9 4.667-1.793 6.553a30.645 30.645 0 002.526 9.148l.061.133c1.58 4.229 8.313 10.557 8.381 10.62L18.9 69.034c-.29-.27-7.084-6.655-8.865-11.318a30.16 30.16 0 01-2.454-8.148c-.388-1.622-1.226-2.37-1.947-2.3-1.287.114-1.634 2.586-1.025 6.065.078.446.143.863.215 1.278C6.394 60.883 10.3 65.7 16.9 72.307l-1.41 1.414c-5.1-5.1-8.65-9.194-10.832-13.72-1.434-.104-3.013 1.1.553 7.42 2.654 4.706 10.238 11.8 17.321 16.529a8.92 8.92 0 011 .778zm7.175.605l-8.433 1.687.393 1.96 2.591-.518-.885 4.338 1.96.4 1.047-5.137 3.75-.775 10.631-2.126.595 7.913 1.994-.15-.77-10.252-12.873 2.66z" />

</svg></span>

</div>

<div

class="wt-mr-xs-2 wt-ml-xs-2 wt-mr-sm-0 wt-ml-sm-0 wt-ml-md-2 wt-text-body-01 wt-flex-md-auto">

Etsy is powered by 100% renewable electricity.

</div>

</button>

<div id="footer-environmental-impact-popover-content" role="tooltip">

Etsy’s 100% renewable electricity commitment includes the electricity used by the

data centres that host Etsy.com, the Sell on Etsy app, and the Etsy app, as well as

the electricity that powers Etsy’s global offices and employees working remotely

from

home in the US.

</div>

</div>

</div>

</div>

</div>

<nav class="wt-pt-xs-2 wt-pt-md-6 wt-pr-xs-4 wt-pb-md-4 wt-pl-xs-4 wt-text-caption wt-bg-denim wt-text-white"

data-footer-extra-links="">

<div class="wt-body-max-width">

<div class="wt-grid">

<div class="wt-mb-xs-2 wt-grid\_\_item-md-3">

<h3

class="wt-hide-xs wt-show-md wt-text-title-01 wt-mb-xs-2 wt-text-left-xs wt-pr-xs-1">

Shop

</h3>

<button type="button"

class="wt-hide-md wt-content-toggle--btn wt-width-full wt-btn wt-btn--transparent wt-btn--light wt-content-toggle--with-icon wt-content-toggle--flush wt-text-white wt-mb-xs-1"

data-wt-content-toggle aria-controls="footer-extra-links-62a1f7c6e8077"

aria-expanded="false">

<span class="wt-text-title-01 wt-text-left-xs wt-flex-xs-auto wt-width-full">

Shop

</span>

<span class="wt-content-toggle--btn\_\_icon"></span>

</button>

<div id="footer-extra-links-62a1f7c6e8077" class="wt-content-toggle\_\_body"

aria-hidden="false">

<ul class="wt-list-unstyled wt-text-left-xs wt-pl-xs-1 wt-pl-sm-0 wt-pr-xs-1">

<li class="wt-pt-xs-1 wt-pb-xs-2 wt-pb-md-1 wt-display-block wt-width-full ">

<a class="appshell-responsive-footer-link wt-text-white wt-text-link-no-underline"

href="https://www.etsy.com/giftcards?ref=ftr">

<span>Gift cards</span>

</a>

</li>

<li class="wt-pt-xs-1 wt-pb-xs-2 wt-pb-md-1 wt-display-block wt-width-full ">

<a class="appshell-responsive-footer-link wt-text-white wt-text-link-no-underline"

href="https://www.etsy.com/categories">

<span>Sitemap</span>

</a>

</li>

<li class="wt-pt-xs-1 wt-pb-xs-2 wt-pb-md-1 wt-display-block wt-width-full ">

<a class="appshell-responsive-footer-link wt-text-white wt-text-link-no-underline"

href="/blog?ref=ftr">

<span>Etsy blog</span>

</a>

</li>

<li class="wt-pt-xs-1 wt-pb-xs-2 wt-pb-md-1 wt-display-block wt-width-full ">

<a class="appshell-responsive-footer-link wt-text-white wt-text-link-no-underline"

href="https://www.etsy.com/uk?locale\_override=GBP%7Cen-GB%7CGB">

<span>Etsy United Kingdom</span>

</a>

</li>

<li class="wt-pt-xs-1 wt-pb-xs-2 wt-pb-md-1 wt-display-block wt-width-full ">

<a class="appshell-responsive-footer-link wt-text-white wt-text-link-no-underline"

href="https://www.etsy.com/de?locale\_override=EUR%7Cde%7CDE">

<span>Etsy Germany</span>

</a>

</li>

<li class="wt-pt-xs-1 wt-pb-xs-2 wt-pb-md-1 wt-display-block wt-width-full ">

<a class="appshell-responsive-footer-link wt-text-white wt-text-link-no-underline"

href="https://www.etsy.com/ca?locale\_override=CAD%7Cen-US%7CCA">

<span>Etsy Canada</span>

</a>

</li>

</ul>

</div>

</div>

<div class="wt-mb-xs-2 wt-grid\_\_item-md-3">

<h3

class="wt-hide-xs wt-show-md wt-text-title-01 wt-mb-xs-2 wt-text-left-xs wt-pr-xs-1">

Sell

</h3>

<button type="button"

class="wt-hide-md wt-content-toggle--btn wt-width-full wt-btn wt-btn--transparent wt-btn--light wt-content-toggle--with-icon wt-content-toggle--flush wt-text-white wt-mb-xs-1"

data-wt-content-toggle aria-controls="footer-extra-links-62a1f7c6e80b8"

aria-expanded="false">

<span class="wt-text-title-01 wt-text-left-xs wt-flex-xs-auto wt-width-full">

Sell

</span>

<span class="wt-content-toggle--btn\_\_icon"></span>

</button>

<div id="footer-extra-links-62a1f7c6e80b8" class="wt-content-toggle\_\_body"

aria-hidden="false">

<ul class="wt-list-unstyled wt-text-left-xs wt-pl-xs-1 wt-pl-sm-0 wt-pr-xs-1">

<li class="wt-pt-xs-1 wt-pb-xs-2 wt-pb-md-1 wt-display-block wt-width-full ">

<a class="appshell-responsive-footer-link wt-text-white wt-text-link-no-underline"

href="https://www.etsy.com/sell?ref=ftr">

<span>Sell on Etsy</span>

</a>

</li>

<li class="wt-pt-xs-1 wt-pb-xs-2 wt-pb-md-1 wt-display-block wt-width-full ">

<a class="appshell-responsive-footer-link wt-text-white wt-text-link-no-underline"

id='collage-footer\_\_community-teams-link'

href="https://www.etsy.com/sso-community?return\_to=https%3A%2F%2Fcommunity.etsy.com%2Ft5%2FEtsy-Teams%2Fct-p%2Fteams"

rel="nofollow">

<span>Teams</span>

</a>

</li>

<li class="wt-pt-xs-1 wt-pb-xs-2 wt-pb-md-1 wt-display-block wt-width-full ">

<a class="appshell-responsive-footer-link wt-text-white wt-text-link-no-underline"

id='collage-footer\_\_community-forums-link'

href="https://www.etsy.com/sso-community?return\_to=https%3A%2F%2Fcommunity.etsy.com%2Ft5%2FEtsy-Forums%2Fct-p%2Fforums"

rel="nofollow">

<span>Forums</span>

</a>

</li>

<li class="wt-pt-xs-1 wt-pb-xs-2 wt-pb-md-1 wt-display-block wt-width-full ">

<a class="appshell-responsive-footer-link wt-text-white wt-text-link-no-underline"

href="https://www.etsy.com/affiliates?ref=ftr" rel="nofollow">

<span>Affiliates</span>

</a>

</li>

</ul>

</div>

</div>

<div class="wt-mb-xs-2 wt-grid\_\_item-md-3">

<h3

class="wt-hide-xs wt-show-md wt-text-title-01 wt-mb-xs-2 wt-text-left-xs wt-pr-xs-1">

About

</h3>

<button type="button"

class="wt-hide-md wt-content-toggle--btn wt-width-full wt-btn wt-btn--transparent wt-btn--light wt-content-toggle--with-icon wt-content-toggle--flush wt-text-white wt-mb-xs-1"

data-wt-content-toggle aria-controls="footer-extra-links-62a1f7c6e80da"

aria-expanded="false">

<span class="wt-text-title-01 wt-text-left-xs wt-flex-xs-auto wt-width-full">

About

</span>

<span class="wt-content-toggle--btn\_\_icon"></span>

</button>

<div id="footer-extra-links-62a1f7c6e80da" class="wt-content-toggle\_\_body"

aria-hidden="false">

<ul class="wt-list-unstyled wt-text-left-xs wt-pl-xs-1 wt-pl-sm-0 wt-pr-xs-1">

<li class="wt-pt-xs-1 wt-pb-xs-2 wt-pb-md-1 wt-display-block wt-width-full ">

<a class="appshell-responsive-footer-link wt-text-white wt-text-link-no-underline"

href="https://www.etsy.com/about?ref=ftr">

<span>Etsy, Inc.</span>

</a>

</li>

<li class="wt-pt-xs-1 wt-pb-xs-2 wt-pb-md-1 wt-display-block wt-width-full ">

<a class="appshell-responsive-footer-link wt-text-white wt-text-link-no-underline"

href="https://www.etsy.com/legal?ref=ftr">

<span>Policies</span>

</a>

</li>

<li class="wt-pt-xs-1 wt-pb-xs-2 wt-pb-md-1 wt-display-block wt-width-full ">

<a class="appshell-responsive-footer-link wt-text-white wt-text-link-no-underline"

href="https://investors.etsy.com">

<span>Investors</span>

</a>

</li>

<li class="wt-pt-xs-1 wt-pb-xs-2 wt-pb-md-1 wt-display-block wt-width-full ">

<a class="appshell-responsive-footer-link wt-text-white wt-text-link-no-underline"

href="https://www.etsy.com/careers?ref=ftr">

<span>Careers</span>

</a>

</li>

<li class="wt-pt-xs-1 wt-pb-xs-2 wt-pb-md-1 wt-display-block wt-width-full ">

<a class="appshell-responsive-footer-link wt-text-white wt-text-link-no-underline"

href="https://www.etsy.com/press?ref=ftr">

<span>Press</span>

</a>

</li>

<li class="wt-pt-xs-1 wt-pb-xs-2 wt-pb-md-1 wt-display-block wt-width-full ">

<a class="appshell-responsive-footer-link wt-text-white wt-text-link-no-underline"

href="https://www.etsy.com/impact?ref=ftr">

<span>Impact</span>

</a>

</li>

<li class="wt-pt-xs-1 wt-pb-xs-2 wt-pb-md-1 wt-display-block wt-width-full ">

<a class="appshell-responsive-footer-link wt-text-white wt-text-link-no-underline"

href="https://www.etsy.com/help/article/25840304230?ref=ftr">

<span>Legal imprint</span>

</a>

</li>

</ul>

</div>

</div>

<div class="wt-mb-xs-2 wt-grid\_\_item-md-3">

<h3

class="wt-hide-xs wt-show-md wt-text-title-01 wt-mb-xs-2 wt-text-left-xs wt-pr-xs-1">

Help

</h3>

<button type="button"

class="wt-hide-md wt-content-toggle--btn wt-width-full wt-btn wt-btn--transparent wt-btn--light wt-content-toggle--with-icon wt-content-toggle--flush wt-text-white wt-mb-xs-1"

data-wt-content-toggle aria-controls="footer-extra-links-62a1f7c6e8214"

aria-expanded="false">

<span class="wt-text-title-01 wt-text-left-xs wt-flex-xs-auto wt-width-full">

Help

</span>

<span class="wt-content-toggle--btn\_\_icon"></span>

</button>

<div id="footer-extra-links-62a1f7c6e8214" class="wt-content-toggle\_\_body"

aria-hidden="false">

<ul class="wt-list-unstyled wt-text-left-xs wt-pl-xs-1 wt-pl-sm-0 wt-pr-xs-1">

<li class="wt-pt-xs-1 wt-pb-xs-2 wt-pb-md-1 wt-display-block wt-width-full ">

<a class="appshell-responsive-footer-link wt-text-white wt-text-link-no-underline"

href="https://www.etsy.com/help?ref=ftr">

<span>Help Centre</span>

</a>

</li>

<li class="wt-pt-xs-1 wt-pb-xs-2 wt-pb-md-1 wt-display-block wt-width-full ">

<a class="appshell-responsive-footer-link wt-text-white wt-text-link-no-underline"

href="https://www.etsy.com/support-and-trust?ref=ftr">

<span>Trust and safety</span>

</a>

</li>

<li class="wt-pt-xs-1 wt-pb-xs-2 wt-pb-md-1 wt-display-block wt-width-full ">

<a class="appshell-responsive-footer-link wt-text-white wt-text-link-no-underline"

data-gdpr-privacy-settings-trigger href="#">

<span>Privacy settings</span>

</a>

</li>

</ul>

</div>

<div class="wt-width-full">

<div class="wt-text-center-xs wt-text-left-md wt-mt-xs-2">

<a href="https://etsy.app.link/d7nDUdp49V"

class="wt-mt-xs-4 wt-btn wt-btn--small wt-btn--outline wt-btn--light wt-pt-xs-1 wt-pb-xs-1 wt-display-inline-flex-xs wt-align-items-center wt-text-left-xs"

rel="nofollow">

<span class="etsy-icon wt-flex-shrink-xs-0"><svg

xmlns="http://www.w3.org/2000/svg" viewBox="0 0 24 24"

aria-hidden="true" focusable="false">

<path

d="M18 2H6C3.8 2 2 3.8 2 6v12c0 2.2 1.8 4 4 4h12c2.2 0 4-1.8 4-4V6c0-2.2-1.8-4-4-4zm-1.3 16s-2.3-.1-3.3-.1H9l-2.6.1v-.7l.9-.2c.6-.1.7-.2.7-.7 0 0 .1-1.6.1-4.3 0-2.7-.1-4.4-.1-4.4 0-.5-.2-.6-.8-.7l-.8-.2v-.7l2.6.1h4.9c1 0 2.6-.2 2.6-.2s-.1 1-.1 3.4h-.7l-.2-.8c-.3-1.1-.7-1.6-1.4-1.6h-3.8c-.3 0-.3 0-.3.2v4.4s1.6 0 2.4-.1c.4.1.9-.3.9-.7v-.1l.2-1h.7l-.1 2.1.1 2.2h-.7l-.2-.8c-.1-.5-.5-.8-.9-.8-.6-.1-2.4-.1-2.4-.1V16c0 .7.4 1 1.2 1h2.6c.9.1 1.8-.4 2.1-1.2l.7-1.4h.6c-.1.4-.4 3-.5 3.6z" />

</svg></span>

<span class="wt-ml-xs-1 wt-flex-xs-auto">Download the Etsy App</span>

</a>

<ul

class="wt-list-inline wt-mt-xs-3 wt-mb-xs-4 wt-mb-sm-0 wt-pl-xs-0 wt-pr-xs-0 wt-pl-sm-0 wt-pr-sm-0">

<li class="wt-list-inline\_\_item">

<a class="wt-btn wt-btn--transparent wt-btn--transparent-flush-left wt-btn--light wt-btn--icon wt-p-xs-1"

href="/social-tracking?network=instagram" rel="nofollow"

target="\_blank">

<span class="etsy-icon wt-icon--larger"><svg

xmlns="http://www.w3.org/2000/svg" viewBox="0 0 24 24"

aria-hidden="true" focusable="false">

<path

d="M12,5.447c2.136,0,2.389,0.008,3.233,0.047c0.78,0.036,1.204,0.166,1.485,0.275c0.373,0.145,0.64,0.318,0.92,0.598 c0.28,0.28,0.453,0.546,0.598,0.92c0.11,0.282,0.24,0.706,0.275,1.485c0.038,0.844,0.047,1.097,0.047,3.233 s-0.008,2.389-0.047,3.233c-0.036,0.78-0.166,1.204-0.275,1.485c-0.145,0.373-0.318,0.64-0.598,0.92 c-0.28,0.28-0.546,0.453-0.92,0.598c-0.282,0.11-0.706,0.24-1.485,0.275c-0.843,0.038-1.096,0.047-3.233,0.047 s-2.389-0.008-3.233-0.047c-0.78-0.036-1.204-0.166-1.485-0.275c-0.373-0.145-0.64-0.318-0.92-0.598 c-0.28-0.28-0.453-0.546-0.598-0.92c-0.11-0.282-0.24-0.706-0.275-1.485c-0.038-0.844-0.047-1.097-0.047-3.233 S5.45,9.616,5.488,8.773c0.036-0.78,0.166-1.204,0.275-1.485c0.145-0.373,0.318-0.64,0.598-0.92c0.28-0.28,0.546-0.453,0.92-0.598 c0.282-0.11,0.706-0.24,1.485-0.275C9.611,5.455,9.864,5.447,12,5.447 M12,4.005c-2.173,0-2.445,0.009-3.298,0.048 C7.85,4.092,7.269,4.227,6.76,4.425C6.234,4.63,5.787,4.903,5.343,5.348C4.898,5.793,4.624,6.239,4.42,6.765 c-0.198,0.509-0.333,1.09-0.372,1.942C4.009,9.56,4,9.833,4,12.005c0,2.173,0.009,2.445,0.048,3.298 c0.039,0.852,0.174,1.433,0.372,1.942c0.204,0.526,0.478,0.972,0.923,1.417c0.445,0.445,0.891,0.718,1.417,0.923 c0.509,0.198,1.09,0.333,1.942,0.372c0.853,0.039,1.126,0.048,3.298,0.048s2.445-0.009,3.298-0.048 c0.852-0.039,1.433-0.174,1.942-0.372c0.526-0.204,0.972-0.478,1.417-0.923c0.445-0.445,0.718-0.891,0.923-1.417 c0.198-0.509,0.333-1.09,0.372-1.942C19.991,14.45,20,14.178,20,12.005s-0.009-2.445-0.048-3.298 c-0.039-0.852-0.174-1.433-0.372-1.942c-0.204-0.526-0.478-0.972-0.923-1.417c-0.445-0.445-0.891-0.718-1.417-0.923 c-0.509-0.198-1.09-0.333-1.942-0.372C14.445,4.014,14.173,4.005,12,4.005L12,4.005z" />

<path

d="M12,7.897c-2.269,0-4.108,1.839-4.108,4.108S9.731,16.113,12,16.113s4.108-1.839,4.108-4.108S14.269,7.897,12,7.897z M12,14.672c-1.473,0-2.667-1.194-2.667-2.667S10.527,9.339,12,9.339s2.667,1.194,2.667,2.667S13.473,14.672,12,14.672z" />

<circle cx="16.27" cy="7.735" r="0.96" />

</svg></span>

<span class="wt-screen-reader-only">Instagram</span>

</a>

</li>

<li class="wt-list-inline\_\_item">

<a class="wt-btn wt-btn--transparent wt-btn--transparent-flush-left wt-btn--light wt-btn--icon wt-p-xs-1"

href="/social-tracking?network=facebook" rel="nofollow"

target="\_blank">

<span class="etsy-icon wt-icon--larger"><svg

xmlns="http://www.w3.org/2000/svg" viewBox="0 0 24 24"

aria-hidden="true" focusable="false">

<path

d="M20,5V19a1.007,1.007,0,0,1-1,1H15V13.776h2l0.336-2.3H15V9.659a0.912,0.912,0,0,1,1-1.031h1.5V6.55a11.284,11.284,0,0,0-1.641-.109c-2.2,0-3.3,1.219-3.3,3.039v1.992h-2v2.3h2V20H5a1.007,1.007,0,0,1-1-1V5A1.007,1.007,0,0,1,5,4H19A1.007,1.007,0,0,1,20,5Z" />

</svg></span>

<span class="wt-screen-reader-only">Facebook</span>

</a>

</li>

<li class="wt-list-inline\_\_item">

<a class="wt-btn wt-btn--transparent wt-btn--transparent-flush-left wt-btn--light wt-btn--icon wt-p-xs-1"

href="/social-tracking?network=pinterest" rel="nofollow"

target="\_blank">

<span class="etsy-icon wt-icon--larger"><svg

xmlns="http://www.w3.org/2000/svg" viewBox="0 0 24 24"

aria-hidden="true" focusable="false">

<path

d="M12 3c-4.97 0-9 4.03-9 9 0 3.813 2.372 7.072 5.72 8.384-.08-.712-.15-1.807.03-2.585.164-.703 1.056-4.475 1.056-4.475s-.27-.54-.27-1.336c0-1.252.726-2.187 1.63-2.187.768 0 1.14.577 1.14 1.268 0 .773-.493 1.928-.746 2.998-.212.896.45 1.626 1.333 1.626 1.6 0 2.83-1.687 2.83-4.12 0-2.156-1.55-3.663-3.76-3.663-2.56 0-4.064 1.922-4.064 3.907 0 .773.297 1.603.67 2.054.073.09.083.168.06.26-.067.283-.22.895-.25 1.02-.038.165-.13.2-.3.12-1.124-.523-1.827-2.167-1.827-3.487 0-2.84 2.063-5.446 5.947-5.446 3.122 0 5.548 2.225 5.548 5.198 0 3.102-1.956 5.598-4.67 5.598-.912 0-1.77-.474-2.063-1.033l-.56 2.14c-.204.78-.753 1.76-1.12 2.358.842.26 1.737.402 2.665.402 4.97 0 9-4.03 9-9s-4.03-9-9-9" />

</svg></span>

<span class="wt-screen-reader-only">Pinterest</span>

</a>

</li>

<li class="wt-list-inline\_\_item">

<a class="wt-btn wt-btn--transparent wt-btn--transparent-flush-left wt-btn--light wt-btn--icon wt-p-xs-1"

href="/social-tracking?network=twitter" rel="nofollow"

target="\_blank">

<span class="etsy-icon wt-icon--larger"><svg

xmlns="http://www.w3.org/2000/svg" viewBox="0 0 24 24"

aria-hidden="true" focusable="false">

<path

d="M18.3,8.559V9.007a9.666,9.666,0,0,1-9.729,9.737,9.614,9.614,0,0,1-5.256-1.394,5.367,5.367,0,0,0,.814.057,6.906,6.906,0,0,0,4.245-1.621,3.412,3.412,0,0,1-3.186-2.379,3.339,3.339,0,0,0,1.548-.058A3.419,3.419,0,0,1,3.988,9.993V9.952a3.427,3.427,0,0,0,1.548.424A3.407,3.407,0,0,1,4,7.54a3.261,3.261,0,0,1,.465-1.662A9.729,9.729,0,0,0,11.517,9.39a3.588,3.588,0,0,1-.073-0.79,3.408,3.408,0,0,1,3.414-3.414,3.542,3.542,0,0,1,2.518,1.075,6.837,6.837,0,0,0,2.159-.831,3.391,3.391,0,0,1-1.507,1.9A6.657,6.657,0,0,0,20,6.782,6.927,6.927,0,0,1,18.3,8.559Z" />

</svg></span>

<span class="wt-screen-reader-only">Twitter</span>

</a>

</li>

<li class="wt-list-inline\_\_item">

<a class="wt-btn wt-btn--transparent wt-btn--transparent-flush-left wt-btn--light wt-btn--icon wt-p-xs-1"

href="/social-tracking?network=youtube" rel="nofollow"

target="\_blank">

<span class="etsy-icon wt-icon--larger"><svg

xmlns="http://www.w3.org/2000/svg" viewBox="0 0 24 24"

aria-hidden="true" focusable="false">

<path

d="M20,12c0,5.664,0,5.664-8,5.664s-8,0-8-5.664,0-5.664,8-5.664S20,6.333,20,12Zm-5,0L10,9v6Z" />

</svg></span>

<span class="wt-screen-reader-only">Youtube</span>

</a>

</li>

</ul>

</div>

</div>

</div>

</div>

</div>

</nav>

<div class="wt-bg-denim-dark">

<div class="site-footer-tagline-links wt-pl-xs-4 wt-pr-xs-4 wt-pb-xs-3 wt-pt-xs-3">

<div class="wt-grid wt-body-max-width wt-display-flex-lg">

<div class="wt-grid\_\_item-lg-5 wt-text-left-lg wt-text-center-xs wt-pb-xs-2 wt-pb-xl-0">

<a id="locale-picker-trigger"

class="wt-btn wt-btn--transparent wt-btn--transparent-flush-left wt-btn--transparent-flush-right wt-btn--light wt-btn--small"

aria-label="Update your settings Pakistan English (UK) $ (USD)"

href="https://www.etsy.com/your/account/locale\_preferences?from\_page=https%3A%2F%2Fwww.etsy.com%2F"

data-aria-controls="wt-locale-picker-overlay">

<span class="wt-display-inline-block wt-nudge-t-2 wt-vertical-align-middle"> <span

class="etsy-icon locale-icon-svg-default wt-display-block wt-text-white wt-icon--smaller-xs wt-nudge-b-2"><svg

xmlns="http://www.w3.org/2000/svg" viewBox="0 0 24 24"

aria-hidden="true" focusable="false">

<path

d="M12,2A10,10,0,1,0,22,12,10.012,10.012,0,0,0,12,2ZM9,18.883v0.528A7.938,7.938,0,0,1,4.06,11.06l3.385,3.385a2.967,2.967,0,0,0,1.649,4.4ZM17.5,15a2.509,2.509,0,0,0,.5-0.05V15a0.992,0.992,0,0,0,.927.985A8,8,0,0,1,12,20c-0.216,0-.427-0.016-0.639-0.032l1.254-2.5-0.015.006A2.968,2.968,0,0,0,13,16a2.988,2.988,0,0,0-5-2.221V11H9a1,1,0,0,0,1-1V9a1,1,0,0,0,1-1,1,1,0,0,0,0-2H6.726A7.9,7.9,0,0,1,14,4.263V6a1,1,0,0,0,2,0V5.082a8.047,8.047,0,0,1,2,1.649V7H17a1,1,0,0,0,0,2h2.411a7.941,7.941,0,0,1,.326,1H17a2.556,2.556,0,0,0-2,2.5A2.5,2.5,0,0,0,17.5,15Z" />

</svg></span>

</span>

<span class="wt-display-inline-block wt-vertical-align-middle">&nbsp Pakistan &nbsp

| &nbsp English (UK) &nbsp | &nbsp $ (USD)</span>

</a>

</div>

<div

class="wt-grid\_\_item-lg-7 wt-display-flex-lg wt-justify-content-flex-end wt-align-items-center wt-mt-xl-0 wt-text-right-xl wt-text-center-xs">

<span

class="wt-text-caption wt-text-white wt-mr-sm-2 wt-mb-xs-2 wt-mb-sm-0 wt-display-inline-block">

&copy; 2022 Etsy, Inc.

</span>

<ul

class="wt-list-inline wt-display-inline-block wt-text-caption wt-ml-md-2 wt-mb-xs-0">

<li class="wt-list-inline\_\_item wt-mr-md-3">

<a href="/legal/terms-of-use?ref=ftr" class=" wt-text-white">

Terms of Use

</a>

</li>

<li class="wt-list-inline\_\_item wt-mr-md-3">

<a href="/legal/privacy/?ref=ftr" class=" wt-text-white">

Privacy

</a>

</li>

<li class="wt-list-inline\_\_item ">

<a href="/legal/policy/cookies-tracking-technologies/44797645975?ref=ftr"

class=" wt-text-white">

Interest-based ads

</a>

</li>

</ul>

</div>

</div>

</div>

</div>

</div>

<div data-toolkit-overlay data-wt-overlay aria-hidden="true" role="dialog"

aria-labelledby="wt-locale-picker-overlay-title" data-overlay-transition="1"

id="wt-locale-picker-overlay" class="v2-locale-picker-overlay wt-overlay">

<div class="wt-overlay\_\_modal wt-text-left-xs" data-overlay-modal>

<div class="wt-overlay\_\_header">

<h2 class="wt-text-title-02" id="wt-locale-picker-overlay-title">Update your settings</h2>

</div>

<form method="post" action="" onsubmit="return false">

<input type="hidden" name="region\_code" value="" />

<p class="wt-mb-xs-3 wt-text-body-01">

Set where you live, what language you speak and the currency you use. <a

class="wt-text-link" href="https://www.etsy.com/help/article/493" target="\_blank">Learn

more.</a>

</p>

<div id="locale\_picker\_region\_code"

class="locale\_picker\_section wt-pb-xs-3 wt-text-left-xs wt-b-xs-none">

<label class="wt-label wt-pb-xs-1" for="locale-overlay-select-region\_code">Region</label>

<div class="wt-select wt-text-body-01">

<select id="locale-overlay-select-region\_code" name="region\_code"

class="wt-select\_\_element">

<option value="AU">Australia</option>

<option value="CA">Canada</option>

<option value="FR">France</option>

<option value="DE">Germany</option>

<option value="GR">Greece</option>

<option value="IE">Ireland</option>

<option value="IT">Italy</option>

<option value="JP">Japan</option>

<option value="NZ">New Zealand</option>

<option value="PL">Poland</option>

<option value="PT">Portugal</option>

<option value="ES">Spain</option>

<option value="NL">The Netherlands</option>

<option value="GB">United Kingdom</option>

<option value="US">United States</option>

<optgroup label="&mdash;&mdash;&mdash;&mdash;&mdash;&mdash;&mdash;&mdash;">

<option value="AF">Afghanistan</option>

<option value="AX">Åland Islands</option>

<option value="AL">Albania</option>

<option value="DZ">Algeria</option>

<option value="AS">American Samoa</option>

<option value="AD">Andorra</option>

<option value="AO">Angola</option>

<option value="AI">Anguilla</option>

<option value="AG">Antigua and Barbuda</option>

<option value="AR">Argentina</option>

<option value="AM">Armenia</option>

<option value="AW">Aruba</option>

<option value="AU">Australia</option>

<option value="AT">Austria</option>

<option value="AZ">Azerbaijan</option>

<option value="BS">Bahamas</option>

<option value="BH">Bahrain</option>

<option value="BD">Bangladesh</option>

<option value="BB">Barbados</option>

<option value="BE">Belgium</option>

<option value="BZ">Belize</option>

<option value="BJ">Benin</option>

<option value="BM">Bermuda</option>

<option value="BT">Bhutan</option>

<option value="BO">Bolivia</option>

<option value="BA">Bosnia and Herzegovina</option>

<option value="BW">Botswana</option>

<option value="BV">Bouvet Island</option>

<option value="BR">Brazil</option>

<option value="IO">British Indian Ocean Territory</option>

<option value="VG">British Virgin Islands</option>

<option value="BN">Brunei</option>

<option value="BG">Bulgaria</option>

<option value="BF">Burkina Faso</option>

<option value="BI">Burundi</option>

<option value="KH">Cambodia</option>

<option value="CM">Cameroon</option>

<option value="CA">Canada</option>

<option value="CV">Cape Verde</option>

<option value="KY">Cayman Islands</option>

<option value="CF">Central African Republic</option>

<option value="TD">Chad</option>

<option value="CL">Chile</option>

<option value="CN">China</option>

<option value="CX">Christmas Island</option>

<option value="CC">Cocos (Keeling) Islands</option>

<option value="CO">Colombia</option>

<option value="KM">Comoros</option>

<option value="CG">Congo, Republic of</option>

<option value="CK">Cook Islands</option>

<option value="CR">Costa Rica</option>

<option value="HR">Croatia</option>

<option value="CW">Curaçao</option>

<option value="CY">Cyprus</option>

<option value="CZ">Czech Republic</option>

<option value="DK">Denmark</option>

<option value="DJ">Djibouti</option>

<option value="DM">Dominica</option>

<option value="DO">Dominican Republic</option>

<option value="EC">Ecuador</option>

<option value="EG">Egypt</option>

<option value="SV">El Salvador</option>

<option value="GQ">Equatorial Guinea</option>

<option value="ER">Eritrea</option>

<option value="EE">Estonia</option>

<option value="ET">Ethiopia</option>

<option value="FK">Falkland Islands (Malvinas)</option>

<option value="FO">Faroe Islands</option>

<option value="FJ">Fiji</option>

<option value="FI">Finland</option>

<option value="FR">France</option>

<option value="GF">French Guiana</option>

<option value="PF">French Polynesia</option>

<option value="TF">French Southern Territories</option>

<option value="GA">Gabon</option>

<option value="GM">Gambia</option>

<option value="GE">Georgia</option>

<option value="DE">Germany</option>

<option value="GH">Ghana</option>

<option value="GI">Gibraltar</option>

<option value="GR">Greece</option>

<option value="GL">Greenland</option>

<option value="GD">Grenada</option>

<option value="GP">Guadeloupe</option>

<option value="GU">Guam</option>

<option value="GT">Guatemala</option>

<option value="GG">Guernsey</option>

<option value="GN">Guinea</option>

<option value="GW">Guinea-Bissau</option>

<option value="GY">Guyana</option>

<option value="HT">Haiti</option>

<option value="HM">Heard Island and McDonald Islands</option>

<option value="VA">Holy See (Vatican City State)</option>

<option value="HN">Honduras</option>

<option value="HK">Hong Kong</option>

<option value="HU">Hungary</option>

<option value="IS">Iceland</option>

<option value="IN">India</option>

<option value="ID">Indonesia</option>

<option value="IQ">Iraq</option>

<option value="IE">Ireland</option>

<option value="IM">Isle of Man</option>

<option value="IL">Israel</option>

<option value="IT">Italy</option>

<option value="IC">Ivory Coast</option>

<option value="JM">Jamaica</option>

<option value="JP">Japan</option>

<option value="JE">Jersey</option>

<option value="JO">Jordan</option>

<option value="KZ">Kazakhstan</option>

<option value="KE">Kenya</option>

<option value="KI">Kiribati</option>

<option value="KV">Kosovo</option>

<option value="KW">Kuwait</option>

<option value="KG">Kyrgyzstan</option>

<option value="LA">Laos</option>

<option value="LV">Latvia</option>

<option value="LB">Lebanon</option>

<option value="LS">Lesotho</option>

<option value="LR">Liberia</option>

<option value="LY">Libya</option>

<option value="LI">Liechtenstein</option>

<option value="LT">Lithuania</option>

<option value="LU">Luxembourg</option>

<option value="MO">Macao</option>

<option value="MK">Macedonia</option>

<option value="MG">Madagascar</option>

<option value="MW">Malawi</option>

<option value="MY">Malaysia</option>

<option value="MV">Maldives</option>

<option value="ML">Mali</option>

<option value="MT">Malta</option>

<option value="MH">Marshall Islands</option>

<option value="MQ">Martinique</option>

<option value="MR">Mauritania</option>

<option value="MU">Mauritius</option>

<option value="YT">Mayotte</option>

<option value="MX">Mexico</option>

<option value="FM">Micronesia, Federated States of</option>

<option value="MD">Moldova</option>

<option value="MC">Monaco</option>

<option value="MN">Mongolia</option>

<option value="ME">Montenegro</option>

<option value="MS">Montserrat</option>

<option value="MA">Morocco</option>

<option value="MZ">Mozambique</option>

<option value="MM">Myanmar (Burma)</option>

<option value="NA">Namibia</option>

<option value="NR">Nauru</option>

<option value="NP">Nepal</option>

<option value="AN">Netherlands Antilles</option>

<option value="NC">New Caledonia</option>

<option value="NZ">New Zealand</option>

<option value="NI">Nicaragua</option>

<option value="NE">Niger</option>

<option value="NG">Nigeria</option>

<option value="NU">Niue</option>

<option value="NF">Norfolk Island</option>

<option value="MP">Northern Mariana Islands</option>

<option value="NO">Norway</option>

<option value="OM">Oman</option>

<option value="PK" selected="selected">Pakistan</option>

<option value="PW">Palau</option>

<option value="PS">Palestinian Territory, Occupied</option>

<option value="PA">Panama</option>

<option value="PG">Papua New Guinea</option>

<option value="PY">Paraguay</option>

<option value="PE">Peru</option>

<option value="PH">Philippines</option>

<option value="PL">Poland</option>

<option value="PT">Portugal</option>

<option value="PR">Puerto Rico</option>

<option value="QA">Qatar</option>

<option value="RE">Reunion</option>

<option value="RO">Romania</option>

<option value="RW">Rwanda</option>

<option value="SH">Saint Helena</option>

<option value="KN">Saint Kitts and Nevis</option>

<option value="LC">Saint Lucia</option>

<option value="MF">Saint Martin (French part)</option>

<option value="PM">Saint Pierre and Miquelon</option>

<option value="VC">Saint Vincent and the Grenadines</option>

<option value="WS">Samoa</option>

<option value="SM">San Marino</option>

<option value="ST">Sao Tome and Principe</option>

<option value="SA">Saudi Arabia</option>

<option value="SN">Senegal</option>

<option value="RS">Serbia</option>

<option value="SC">Seychelles</option>

<option value="SL">Sierra Leone</option>

<option value="SG">Singapore</option>

<option value="SX">Sint Maarten (Dutch part)</option>

<option value="SK">Slovakia</option>

<option value="SI">Slovenia</option>

<option value="SB">Solomon Islands</option>

<option value="SO">Somalia</option>

<option value="ZA">South Africa</option>

<option value="GS">South Georgia and the South Sandwich Islands</option>

<option value="KR">South Korea</option>

<option value="SS">South Sudan</option>

<option value="ES">Spain</option>

<option value="LK">Sri Lanka</option>

<option value="SD">Sudan</option>

<option value="SR">Suriname</option>

<option value="SJ">Svalbard and Jan Mayen</option>

<option value="SZ">Swaziland</option>

<option value="SE">Sweden</option>

<option value="CH">Switzerland</option>

<option value="TW">Taiwan</option>

<option value="TJ">Tajikistan</option>

<option value="TZ">Tanzania</option>

<option value="TH">Thailand</option>

<option value="NL">The Netherlands</option>

<option value="TL">Timor-Leste</option>

<option value="TG">Togo</option>

<option value="TK">Tokelau</option>

<option value="TO">Tonga</option>

<option value="TT">Trinidad</option>

<option value="TN">Tunisia</option>

<option value="TR">Turkey</option>

<option value="TM">Turkmenistan</option>

<option value="TC">Turks and Caicos Islands</option>

<option value="TV">Tuvalu</option>

<option value="UG">Uganda</option>

<option value="UA">Ukraine</option>

<option value="AE">United Arab Emirates</option>

<option value="GB">United Kingdom</option>

<option value="US">United States</option>

<option value="UM">United States Minor Outlying Islands</option>

<option value="UY">Uruguay</option>

<option value="VI">U.S. Virgin Islands</option>

<option value="UZ">Uzbekistan</option>

<option value="VU">Vanuatu</option>

<option value="VE">Venezuela</option>

<option value="VN">Vietnam</option>

<option value="WF">Wallis and Futuna</option>

<option value="EH">Western Sahara</option>

<option value="YE">Yemen</option>

<option value="CD">Zaire (Democratic Republic of Congo)</option>

<option value="ZM">Zambia</option>

<option value="ZW">Zimbabwe</option>

</optgroup>

</select>

</div>

</div>

<div id="locale\_picker\_language\_code"

class="locale\_picker\_section wt-pb-xs-3 wt-text-left-xs wt-b-xs-none">

<label class="wt-label wt-pb-xs-1"

for="locale-overlay-select-language\_code">Language</label>

<div class="wt-select wt-text-body-01">

<select id="locale-overlay-select-language\_code" name="language\_code"

class="wt-select\_\_element">

<option value="de">Deutsch</option>

<option value="en-GB" selected="selected">English (UK)</option>

<option value="en-US">English (US)</option>

<option value="es">Español</option>

<option value="fr">Français</option>

<option value="it">Italiano</option>

<option value="ja">日本語</option>

<option value="nl">Nederlands</option>

<option value="pl">Polski</option>

<option value="pt">Português</option>

<option value="ru">Русский</option>

</select>

</div>

</div>

<div id="locale\_picker\_currency\_code"

class="locale\_picker\_section wt-pb-xs-3 wt-text-left-xs wt-b-xs-none">

<label class="wt-label wt-pb-xs-1"

for="locale-overlay-select-currency\_code">Currency</label>

<div class="wt-select wt-text-body-01">

<select id="locale-overlay-select-currency\_code" name="currency\_code"

class="wt-select\_\_element">

<option value="USD" selected="selected">$ United States Dollar (USD)</option>

<option value="CAD">$ Canadian Dollar (CAD)</option>

<option value="EUR">€ Euro (EUR)</option>

<option value="GBP">£ British Pound (GBP)</option>

<option value="AUD">$ Australian Dollar (AUD)</option>

<option value="JPY">¥ Japanese Yen (JPY)</option>

<option value="CNY">¥ Chinese Yuan (CNY)</option>

<option value="CZK">Kč Czech Koruna (CZK)</option>

<option value="DKK">kr Danish Krone (DKK)</option>

<option value="HKD">$ Hong Kong Dollar (HKD)</option>

<option value="HUF">Ft Hungarian Forint (HUF)</option>

<option value="INR">₹ Indian Rupee (INR)</option>

<option value="IDR">Rp Indonesian Rupiah (IDR)</option>

<option value="ILS">₪ Israeli Shekel (ILS)</option>

<option value="MYR">RM Malaysian Ringgit (MYR)</option>

<option value="MXN">$ Mexican Peso (MXN)</option>

<option value="MAD">DH Moroccan Dirham (MAD)</option>

<option value="NZD">$ New Zealand Dollar (NZD)</option>

<option value="NOK">kr Norwegian Krone (NOK)</option>

<option value="PHP">₱ Philippine Peso (PHP)</option>

<option value="SGD">$ Singapore Dollar (SGD)</option>

<option value="VND">₫ Vietnamese Dong (VND)</option>

<option value="ZAR">R South African Rand (ZAR)</option>

<option value="SEK">kr Swedish Krona (SEK)</option>

<option value="CHF">Swiss Franc (CHF)</option>

<option value="THB">฿ Thai Baht (THB)</option>

<option value="TWD">NT$ Taiwan New Dollar (TWD)</option>

<option value="TRY">₺ Turkish Lira (TRY)</option>

<option value="PLN">zł Polish Zloty (PLN)</option>

<option value="BRL">R$ Brazilian Real (BRL)</option>

</select>

</div>

</div>

<div class="wt-overlay\_\_footer wt-justify-content-flex-end">

<div class="wt-overlay\_\_footer\_\_action">

<a type="button" data-wt-overlay-close

class="wt-btn wt-btn--outline wt-mb-xs-1 wt-mb-md-0 wt-mr-md-1" name="cancel">

Cancel

<div class="wt-spinner wt-spinner--01" role="alert" aria-live="assertive">

<span class="etsy-icon"><svg xmlns="http://www.w3.org/2000/svg"

viewBox="0 0 24 24" aria-hidden="true" focusable="false">

<circle fill="transparent" cx="12" cy="12" r="10" />

</svg></span>

Loading

</div>

</a>

<button class="wt-btn wt-btn--filled" action-type="primary" type="submit" name="save"

id="locale-overlay-save">

Save

<div class="wt-spinner wt-spinner--01" role="alert" aria-live="assertive">

<span class="etsy-icon"><svg xmlns="http://www.w3.org/2000/svg"

viewBox="0 0 24 24" aria-hidden="true" focusable="false">

<circle fill="transparent" cx="12" cy="12" r="10" />

</svg></span>

Loading

</div>

</button>

</div>

</div>

</form>

</div>

</div>

</footer>

</div>

</body>

</html>

</html>

<https://youtu.be/KRGPM9b6xLk>

***side navigation bar***

***html***

<!DOCTYPE html>

  <!-- Coding by CodingLab | www.codinglabweb.com -->

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <!----======== CSS ======== -->

    <link rel="stylesheet" href="static/css/main.min.css">

    <!----===== Boxicons CSS ===== -->

    <link href='https://unpkg.com/boxicons@2.1.1/css/boxicons.min.css' rel='stylesheet'>

    <!--<title>Dashboard Sidebar Menu</title>-->

</head>

<body>

    <nav class="sidebar close">

        <header>

            <div class="image-text">

                <span class="image">

                    <!--<img src="logo.png" alt="">-->

                </span>

                <div class="text logo-text">

                    <span class="name">Codinglab</span>

                    <span class="profession">Web developer</span>

                </div>

            </div>

            <i class='bx bx-chevron-right toggle'></i>

        </header>

        <div class="menu-bar">

            <div class="menu">

                <li class="search-box">

                    <i class='bx bx-search icon'></i>

                    <input type="text" placeholder="Search...">

                </li>

                <ul class="menu-links">

                    <li class="nav-link">

                        <a href="#">

                            <i class='bx bx-home-alt icon' ></i>

                            <span class="text nav-text">Dashboard</span>

                        </a>

                    </li>

                    <li class="nav-link">

                        <a href="#">

                            <i class='bx bx-bar-chart-alt-2 icon' ></i>

                            <span class="text nav-text">Revenue</span>

                        </a>

                    </li>

                    <li class="nav-link">

                        <a href="#">

                            <i class='bx bx-bell icon'></i>

                            <span class="text nav-text">Notifications</span>

                        </a>

                    </li>

                    <li class="nav-link">

                        <a href="#">

                            <i class='bx bx-pie-chart-alt icon' ></i>

                            <span class="text nav-text">Analytics</span>

                        </a>

                    </li>

                    <li class="nav-link">

                        <a href="#">

                            <i class='bx bx-heart icon' ></i>

                            <span class="text nav-text">Likes</span>

                        </a>

                    </li>

                    <li class="nav-link">

                        <a href="#">

                            <i class='bx bx-wallet icon' ></i>

                            <span class="text nav-text">Wallets</span>

                        </a>

                    </li>

                </ul>

            </div>

            <div class="bottom-content">

                <li class="">

                    <a href="#">

                        <i class='bx bx-log-out icon' ></i>

                        <span class="text nav-text">Logout</span>

                    </a>

                </li>

                <li class="mode">

                    <div class="sun-moon">

                        <i class='bx bx-moon icon moon'></i>

                        <i class='bx bx-sun icon sun'></i>

                    </div>

                    <span class="mode-text text">Dark mode</span>

                    <div class="toggle-switch">

                        <span class="switch"></span>

                    </div>

                </li>

            </div>

        </div>

    </nav>

    <section class="home">

        <div class="text">Dashboard Sidebar</div>

    </section>

    <script>

        const body = document.querySelector('body'),

      sidebar = body.querySelector('nav'),

      toggle = body.querySelector(".toggle"),

      searchBtn = body.querySelector(".search-box"),

      modeSwitch = body.querySelector(".toggle-switch"),

      modeText = body.querySelector(".mode-text");

toggle.addEventListener("click" , () =>{

    sidebar.classList.toggle("close");

})

searchBtn.addEventListener("click" , () =>{

    sidebar.classList.remove("close");

})

modeSwitch.addEventListener("click" , () =>{

    body.classList.toggle("dark");

    if(body.classList.contains("dark")){

        modeText.innerText = "Light mode";

    }else{

        modeText.innerText = "Dark mode";

    }

});

    </script>

</body>

</html>

***css***

/\* Google Font Import - Poppins \*/

@import url('https://fonts.googleapis.com/css2?family=Poppins:wght@300;400;500;600;700&display=swap');

\*{

    margin: 0;

    padding: 0;

    box-sizing: border-box;

    font-family: 'Poppins', sans-serif;

}

:root{

    /\* ===== Colors ===== \*/

    --body-color: #E4E9F7;

    --sidebar-color: #FFF;

    --primary-color: #695CFE;

    --primary-color-light: #F6F5FF;

    --toggle-color: #DDD;

    --text-color: #707070;

    /\* ====== Transition ====== \*/

    --tran-03: all 0.2s ease;

    --tran-03: all 0.3s ease;

    --tran-04: all 0.3s ease;

    --tran-05: all 0.3s ease;

}

body{

    min-height: 100vh;

    background-color: var(--body-color);

    transition: var(--tran-05);

}

::selection{

    background-color: var(--primary-color);

    color: #fff;

}

body.dark{

    --body-color: #18191a;

    --sidebar-color: #242526;

    --primary-color: #3a3b3c;

    --primary-color-light: #3a3b3c;

    --toggle-color: #fff;

    --text-color: #ccc;

}

/\* ===== Sidebar ===== \*/

 .sidebar{

    position: fixed;

    top: 0;

    left: 0;

    height: 100%;

    width: 250px;

    padding: 10px 14px;

    background: var(--sidebar-color);

    transition: var(--tran-05);

    z-index: 100;

}

.sidebar.close{

    width: 88px;

}

/\* ===== Reusable code - Here ===== \*/

.sidebar li{

    height: 50px;

    list-style: none;

    display: flex;

    align-items: center;

    margin-top: 10px;

}

.sidebar header .image,

.sidebar .icon{

    min-width: 60px;

    border-radius: 6px;

}

.sidebar .icon{

    min-width: 60px;

    border-radius: 6px;

    height: 100%;

    display: flex;

    align-items: center;

    justify-content: center;

    font-size: 20px;

}

.sidebar .text,

.sidebar .icon{

    color: var(--text-color);

    transition: var(--tran-03);

}

.sidebar .text{

    font-size: 17px;

    font-weight: 500;

    white-space: nowrap;

    opacity: 1;

}

.sidebar.close .text{

    opacity: 0;

}

/\* =========================== \*/

.sidebar header{

    position: relative;

}

.sidebar header .image-text{

    display: flex;

    align-items: center;

}

.sidebar header .logo-text{

    display: flex;

    flex-direction: column;

}

header .image-text .name {

    margin-top: 2px;

    font-size: 18px;

    font-weight: 600;

}

header .image-text .profession{

    font-size: 16px;

    margin-top: -2px;

    display: block;

}

.sidebar header .image{

    display: flex;

    align-items: center;

    justify-content: center;

}

.sidebar header .image img{

    width: 40px;

    border-radius: 6px;

}

.sidebar header .toggle{

    position: absolute;

    top: 50%;

    right: -25px;

    transform: translateY(-50%) rotate(180deg);

    height: 25px;

    width: 25px;

    background-color: var(--primary-color);

    color: var(--sidebar-color);

    border-radius: 50%;

    display: flex;

    align-items: center;

    justify-content: center;

    font-size: 22px;

    cursor: pointer;

    transition: var(--tran-05);

}

body.dark .sidebar header .toggle{

    color: var(--text-color);

}

.sidebar.close .toggle{

    transform: translateY(-50%) rotate(0deg);

}

.sidebar .menu{

    margin-top: 40px;

}

.sidebar li.search-box{

    border-radius: 6px;

    background-color: var(--primary-color-light);

    cursor: pointer;

    transition: var(--tran-05);

}

.sidebar li.search-box input{

    height: 100%;

    width: 100%;

    outline: none;

    border: none;

    background-color: var(--primary-color-light);

    color: var(--text-color);

    border-radius: 6px;

    font-size: 17px;

    font-weight: 500;

    transition: var(--tran-05);

}

.sidebar li a{

    list-style: none;

    height: 100%;

    background-color: transparent;

    display: flex;

    align-items: center;

    height: 100%;

    width: 100%;

    border-radius: 6px;

    text-decoration: none;

    transition: var(--tran-03);

}

.sidebar li a:hover{

    background-color: var(--primary-color);

}

.sidebar li a:hover .icon,

.sidebar li a:hover .text{

    color: var(--sidebar-color);

}

body.dark .sidebar li a:hover .icon,

body.dark .sidebar li a:hover .text{

    color: var(--text-color);

}

.sidebar .menu-bar{

    height: calc(100% - 55px);

    display: flex;

    flex-direction: column;

    justify-content: space-between;

    overflow-y: scroll;

}

.menu-bar::-webkit-scrollbar{

    display: none;

}

.sidebar .menu-bar .mode{

    border-radius: 6px;

    background-color: var(--primary-color-light);

    position: relative;

    transition: var(--tran-05);

}

.menu-bar .mode .sun-moon{

    height: 50px;

    width: 60px;

}

.mode .sun-moon i{

    position: absolute;

}

.mode .sun-moon i.sun{

    opacity: 0;

}

body.dark .mode .sun-moon i.sun{

    opacity: 1;

}

body.dark .mode .sun-moon i.moon{

    opacity: 0;

}

.menu-bar .bottom-content .toggle-switch{

    position: absolute;

    right: 0;

    height: 100%;

    min-width: 60px;

    display: flex;

    align-items: center;

    justify-content: center;

    border-radius: 6px;

    cursor: pointer;

}

.toggle-switch .switch{

    position: relative;

    height: 22px;

    width: 40px;

    border-radius: 25px;

    background-color: var(--toggle-color);

    transition: var(--tran-05);

}

.switch::before{

    content: '';

    position: absolute;

    height: 15px;

    width: 15px;

    border-radius: 50%;

    top: 50%;

    left: 5px;

    transform: translateY(-50%);

    background-color: var(--sidebar-color);

    transition: var(--tran-04);

}

body.dark .switch::before{

    left: 20px;

}

.home{

    position: absolute;

    top: 0;

    top: 0;

    left: 250px;

    height: 100vh;

    width: calc(100% - 250px);

    background-color: var(--body-color);

    transition: var(--tran-05);

}

.home .text{

    font-size: 30px;

    font-weight: 500;

    color: var(--text-color);

    padding: 12px 60px;

}

.sidebar.close ~ .home{

    left: 78px;

    height: 100vh;

    width: calc(100% - 78px);

}

body.dark .home .text{

    color: var(--text-color);

}

*Animations unlimited*

<i class='bx bxs-like bx-spin'></i>

<i class='bx bxs-like bx-tada'></i>

<i class='bx bxs-like bx-flashing'></i>

<i class='bx bxs-like bx-burst'></i>

<i class='bx bxs-like bx-fade-left'></i>

<i class='bx bxs-like bx-fade-right'></i>

<i class='bx bxs-like bx-fade-up'></i>

<i class='bx bxs-like bx-fade-down'></i>

*<!-- Boxicons web component -->*

<box-icon name='bell' animation='tada'></box-icon>

***Animtions on hovering***

<i class='bx bxs-like bx-spin-hover'></i>

<i class='bx bxs-like bx-tada-hover'></i>

<i class='bx bxs-like bx-flashing-hover'></i>

<i class='bx bxs-like bx-burst-hover'></i>

<i class='bx bxs-like bx-fade-left-hover'></i>

<i class='bx bxs-like bx-fade-right-hover'></i>

<i class='bx bxs-like bx-fade-up-hover'></i>

<i class='bx bxs-like bx-fade-down-hover'></i>

*<!-- Boxicons web component -->*

<box-icon name='bell' animation='tada-hover'></box-icon>

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

</head>

<body>

    <section id="clients">

        <div class="container brdr-x">

            <div id="CustomHeaderH2">

                <h2>Maverick Helicopters Awards</h2>

            </div>

            <hr class="red-center">

            <p>Maverick's commitment to excellence in service and tour products is a passion for every Maverick

                employee, and is only matched by

                our commitment to safety.</p>

            <div class="customer-logos slider slick-initialized slick-slider">

                <div aria-live="polite" class="slick-list draggable">

                    <div class="slick-track" role="listbox"

                        style="opacity: 1; width: 5908px; transform: translate3d(-2532px, 0px, 0px); transition: transform 500ms ease 0s;">

                        <div class="slide slick-slide slick-cloned" data-slick-index="-6" aria-hidden="true"

                            tabindex="-1" style="width: 171px;"><img src="/images/awards\trip-advisor-award.jpg"

                                alt="Trip Advisor's Certificate of Excellence" title="Triop Advisor Award"></div>

                        <div class="slide slick-slide slick-cloned" data-slick-index="-5" aria-hidden="true"

                            tabindex="-1" style="width: 171px;"><img src="/images/awards\wedding-wire-award.jpg"

                                alt="Wedding Wire's Bride's Choice Award" title="Wedding Wire Award 2015"></div>

                        <div class="slide slick-slide slick-cloned" data-slick-index="-4" aria-hidden="true"

                            tabindex="-1" style="width: 171px;"><img src="/images/awards\wedding-wire-award-2022.jpg"

                                alt="Wedding Wire's Couples' Choice Award" title="Wedding Wire Award 2022"></div>

                        <div class="slide slick-slide slick-cloned" data-slick-index="-3" aria-hidden="true"

                            tabindex="-1" style="width: 171px;"><img src="/images/awards\best-of-kauai.jpg"

                                alt="Best Of Kauai 2019" title="Best Of Kauai 2019"></div>

                        <div class="slide slick-slide slick-cloned" data-slick-index="-2" aria-hidden="true"

                            tabindex="-1" style="width: 171px;"><img src="/images/awards/travelers-choice-award.jpg"

                                alt="2020 Travelers' Choice Award" title="2020 Travelers' Choice Award"></div>

                        <div class="slide slick-slide slick-cloned" data-slick-index="-1" aria-hidden="true"

                            tabindex="-1" style="width: 171px;"><img

                                src="/images/awards/travelers-choice-award-2021.jpg" alt="2021 Travelers' Choice Award"

                                title="2021 Travelers' Choice Award"></div>

                        <div class="slide slick-slide" data-slick-index="0" aria-hidden="true" tabindex="-1"

                            role="option" aria-describedby="slick-slide00" style="width: 171px;"><img

                                src="/images/awards/wttc-safetravels-stamp.jpg" alt="WTTC SafeTravels Stamp"

                                title="WTTC SafeTravels Stamp"></div>

                        <div class="slide slick-slide" data-slick-index="1" aria-hidden="true" tabindex="-1"

                            role="option" aria-describedby="slick-slide01" style="width: 171px;"><img

                                src="/images/awards\yelp-award.jpg" alt="People Love Us On Yelp! Award"

                                title="Yelp Award"></div>

                        <div class="slide slick-slide" data-slick-index="2" aria-hidden="true" tabindex="-1"

                            role="option" aria-describedby="slick-slide02" style="width: 171px;"><img

                                src="/images/awards\vegas-choice-award.jpg" alt="Vegas.com 2019 Choice Award"

                                title="Vegas.com 2019 Choice Award"></div>

                        <div class="slide slick-slide" data-slick-index="3" aria-hidden="true" tabindex="-1"

                            role="option" aria-describedby="slick-slide03" style="width: 171px;"><img

                                src="/images/awards\beautiful-bride-award.jpg" alt="Beautiful Bride's Five Star Award"

                                title="Beautiful Bride Award"></div>

                        <div class="slide slick-slide" data-slick-index="4" aria-hidden="true" tabindex="-1"

                            role="option" aria-describedby="slick-slide04" style="width: 171px;"><img

                                src="/images/awards\federal-aviation-administration-award.jpg"

                                alt="Diamond Award of Excellence for Maintenance and Safety"

                                title="Federal Aviation Administration Award"></div>

                        <div class="slide slick-slide" data-slick-index="5" aria-hidden="true" tabindex="-1"

                            role="option" aria-describedby="slick-slide05" style="width: 171px;"><img

                                src="/images/awards\las-vegas-review-journal-award.jpg"

                                alt="Best of Las Vegas - Day Trip/Tour" title="Las Vegas Review Journal Award"></div>

                        <div class="slide slick-slide slick-current slick-active" data-slick-index="6"

                            aria-hidden="false" tabindex="-1" role="option" aria-describedby="slick-slide06"

                            style="width: 171px;"><img src="/images/awards\nevada-magazine-award.jpg"

                                alt="Best of Nevada - Tour Company" title="Nevada Magazine Awards"></div>

                        <div class="slide slick-slide slick-active" data-slick-index="7" aria-hidden="false"

                            tabindex="-1" role="option" aria-describedby="slick-slide07" style="width: 171px;"><img

                                src="/images/awards\southern-nevada-hotel-concierge-association-award.jpg"

                                alt="Best Air Tour Company" title="Southern Nevada Hotel Concierge Association Award">

                        </div>

                        <div class="slide slick-slide slick-active" data-slick-index="8" aria-hidden="false"

                            tabindex="-1" role="option" aria-describedby="slick-slide08" style="width: 171px;"><img

                                src="/images/awards\las-vegas-review-journal-award-2019.jpg"

                                alt="Gold Winner - Best of Las Vegas for Helicopter Tours and Airline/Charters"

                                title="Las Vegas Review Journal Award"></div>

                        <div class="slide slick-slide slick-active" data-slick-index="9" aria-hidden="false"

                            tabindex="-1" role="option" aria-describedby="slick-slide09" style="width: 171px;"><img

                                src="/images/awards\travel-channel-award.jpg"

                                alt="Top 10 Best Helicopter Thrills in the World" title="Travel Channel Award"></div>

                        <div class="slide slick-slide slick-active" data-slick-index="10" aria-hidden="false"

                            tabindex="-1" role="option" aria-describedby="slick-slide010" style="width: 171px;"><img

                                src="/images/awards\trip-advisor-award.jpg"

                                alt="Trip Advisor's Certificate of Excellence" title="Triop Advisor Award"></div>

                        <div class="slide slick-slide slick-active" data-slick-index="11" aria-hidden="false"

                            tabindex="-1" role="option" aria-describedby="slick-slide011" style="width: 171px;"><img

                                src="/images/awards\wedding-wire-award.jpg" alt="Wedding Wire's Bride's Choice Award"

                                title="Wedding Wire Award 2015"></div>

                        <div class="slide slick-slide" data-slick-index="12" aria-hidden="true" tabindex="-1"

                            role="option" aria-describedby="slick-slide012" style="width: 171px;"><img

                                src="/images/awards\wedding-wire-award-2022.jpg"

                                alt="Wedding Wire's Couples' Choice Award" title="Wedding Wire Award 2022"></div>

                        <div class="slide slick-slide" data-slick-index="13" aria-hidden="true" tabindex="-1"

                            role="option" aria-describedby="slick-slide013" style="width: 171px;"><img

                                src="/images/awards\best-of-kauai.jpg" alt="Best Of Kauai 2019"

                                title="Best Of Kauai 2019"></div>

                        <div class="slide slick-slide" data-slick-index="14" aria-hidden="true" tabindex="-1"

                            role="option" aria-describedby="slick-slide014" style="width: 171px;"><img

                                src="/images/awards/travelers-choice-award.jpg" alt="2020 Travelers' Choice Award"

                                title="2020 Travelers' Choice Award"></div>

                        <div class="slide slick-slide" data-slick-index="15" aria-hidden="true" tabindex="-1"

                            role="option" aria-describedby="slick-slide015" style="width: 171px;"><img

                                src="/images/awards/travelers-choice-award-2021.jpg" alt="2021 Travelers' Choice Award"

                                title="2021 Travelers' Choice Award"></div>

                        <div class="slide slick-slide slick-cloned" data-slick-index="16" aria-hidden="true"

                            tabindex="-1" style="width: 171px;"><img src="/images/awards/wttc-safetravels-stamp.jpg"

                                alt="WTTC SafeTravels Stamp" title="WTTC SafeTravels Stamp"></div>

                        <div class="slide slick-slide slick-cloned" data-slick-index="17" aria-hidden="true"

                            tabindex="-1" style="width: 171px;"><img src="/images/awards\yelp-award.jpg"

                                alt="People Love Us On Yelp! Award" title="Yelp Award"></div>

                        <div class="slide slick-slide slick-cloned" data-slick-index="18" aria-hidden="true"

                            tabindex="-1" style="width: 171px;"><img src="/images/awards\vegas-choice-award.jpg"

                                alt="Vegas.com 2019 Choice Award" title="Vegas.com 2019 Choice Award"></div>

                        <div class="slide slick-slide slick-cloned" data-slick-index="19" aria-hidden="true"

                            tabindex="-1" style="width: 171px;"><img src="/images/awards\beautiful-bride-award.jpg"

                                alt="Beautiful Bride's Five Star Award" title="Beautiful Bride Award"></div>

                        <div class="slide slick-slide slick-cloned" data-slick-index="20" aria-hidden="true"

                            tabindex="-1" style="width: 171px;"><img

                                src="/images/awards\federal-aviation-administration-award.jpg"

                                alt="Diamond Award of Excellence for Maintenance and Safety"

                                title="Federal Aviation Administration Award"></div>

                        <div class="slide slick-slide slick-cloned" data-slick-index="21" aria-hidden="true"

                            tabindex="-1" style="width: 171px;"><img

                                src="/images/awards\las-vegas-review-journal-award.jpg"

                                alt="Best of Las Vegas - Day Trip/Tour" title="Las Vegas Review Journal Award"></div>

                    </div>

                </div>

            </div>

        </div>

    </section>

</body>

</html>

***Multi shading***

<!--

    <section class="t-center p-y-16 p-x-0 l-pos-relative u-overflow-hidden plan-overview-dropshadow t-left"

    style="background:linear-gradient(75deg, #0045a2 8%, #a644e59e);" id="testimonals-homepage">

    adestrrrrrrrrrrrrr

    lo</section>

     -->

***COMMANDS***

***“COMMANDS “***

1. ***INSTALLATION***
2. ***HTML***
3. ***DJANGO ADMIN***
4. ***DJANGO TEMPLATES***
5. ***DJANGO APPS URLS***
6. ***DJANGO APPS VIEWS.PY***
7. ***DJANGO VIEWS.PY***
8. ***DJANGO URLS.PY***
9. ***DJANGO HTML TEMPLATES***
10. ***ENVIRONMENT***
11. ***GIT***
12. ***GIT BASH***
13. ***GIT HUB***
14. ***CSS***
15. ***JS***
16. ***SCRIPT***
17. ***HTML MAIN***
18. ***HTML HEAD***
19. ***DJANGO HTML HEAD***
20. ***DJANGO APPS MODELS.PY***
21. ***DJANGO APPS ADMIN***
22. ***HTML IMAGE SLIDER***
23. ***HTML IMAGE SLIDER CSS FILE***
24. ***IMAGE SLIDER SLOW SILKY HTML***
25. ***IMAGE SLIDER SLOW SILKY HTML CSS FILE***
26. ***IMAGE SLIDER SLOW SILKY HTML JS FILE***
27. ***DARK THEME WS HTML***
28. ***DARK THEME WS CSS***
29. ***DARK THEME WS JS***
30. ***WS VIDEO SLIDER HTML***
31. ***WS VIDEO SLIDER CSS***
32. ***WS VIDEO SLIDER JS***
33. ***WS CARDS HTML***
34. ***DJANGO DATA SUBMITT FORM***
35. ***DJANGO REMOVE PUNCTUATION***
36. ***DJANGO URLS IN HEAD SETTINGS AND URLS .PY***
37. ***WS IMAGE CAROUSEL***
38. ***WS IMAGE CAROUSEL BOOTSTRAP STARTER TEMPLATE***
39. ***WS NAVBAR***
40. ***WS FOOTER***
41. ***WS FOOTER IMAGE PATTI***
42. ***WS FOOTER VIDEO***
43. ***WS HAMBERGER***
44. ***WS HAMBERGER CSS***
45. ***WS HAMBERGER JS***
46. ***WS IMAGE HOVERING***
47. ***DJANGO IMAGE UPLOADER MODELS.PY***
48. ***WS BACKGROUND VIDEO HTML***
49. ***WS BACKGROUND VIDEO CSS***
50. ***WS BACKGROUND IMAGES***
51. ***WS BACKGROUND IMAGES WITH AUDIO***
52. ***WS BACKGROUND IMAGE SLIDER***
53. ***JS TOUCHME ALERT***
54. ***WS FAVICON***
55. ***WS 2 COLOUMNS DIV FOR TEXT***
56. ***WS LOGO MONOGRAM***
57. ***DJANGO CONNECTION POSTGRESQL SETTINGS.PY***
58. ***HTML BUTTONS***
59. ***WS LINKS ON HTML***
60. ***ROUNDED CIRCLE PICS***
61. ***ROUNDED CIRCLE PROFILE PICS***
62. ***SIDE NAVBAR TEMPLATES***
63. ***FOOTERS BLACK PATTI PICS CARDS VIDEOS COPYRIGHT***
64. ***SOCIAL NETWORK ICONS***
65. ***FOOTER ICONS TRADEMARK***
66. ***Adobephotoshop***

***Lorem ki behan words main text ki command***

***“=rand()”***

***BestForm***

<body class="antialiased sans-serif bg-gray-200">

<div x-data="app()" x-cloak>

<div class="max-w-3xl mx-auto px-4 py-10">

<div x-show.transition="step === 'complete'">

<div class="bg-white rounded-lg p-10 flex items-center shadow justify-between">

<div>

<svg class="mb-4 h-20 w-20 text-green-500 mx-auto" viewBox="0 0 20 20" fill="currentColor"> <path fill-rule="evenodd" d="M10 18a8 8 0 100-16 8 8 0 000 16zm3.707-9.293a1 1 0 00-1.414-1.414L9 10.586 7.707 9.293a1 1 0 00-1.414 1.414l2 2a1 1 0 001.414 0l4-4z" clip-rule="evenodd"/></svg>

<h2 class="text-2xl mb-4 text-gray-800 text-center font-bold">Registration Success</h2>

<div class="text-gray-600 mb-8">

Thank you. We have sent you an email to demo@demo.test. Please click the link in the message to activate your account.

</div>

<button

@click="step = 1"

class="w-40 block mx-auto focus:outline-none py-2 px-5 rounded-lg shadow-sm text-center text-gray-600 bg-white hover:bg-gray-100 font-medium border"

>Back to home</button>

</div>

</div>

</div>

<div x-show.transition="step != 'complete'">

<!-- Top Navigation -->

<div class="border-b-2 py-4">

<div class="uppercase tracking-wide text-xs font-bold text-gray-500 mb-1 leading-tight" x-text="`Step: ${step} of 3`"></div>

<div class="flex flex-col md:flex-row md:items-center md:justify-between">

<div class="flex-1">

<div x-show="step === 1">

<div class="text-lg font-bold text-gray-700 leading-tight">Your Profile</div>

</div>

<div x-show="step === 2">

<div class="text-lg font-bold text-gray-700 leading-tight">Your Password</div>

</div>

<div x-show="step === 3">

<div class="text-lg font-bold text-gray-700 leading-tight">Tell me about yourself</div>

</div>

</div>

<div class="flex items-center md:w-64">

<div class="w-full bg-white rounded-full mr-2">

<div class="rounded-full bg-green-500 text-xs leading-none h-2 text-center text-white" :style="'width: '+ parseInt(step / 3 \* 100) +'%'"></div>

</div>

<div class="text-xs w-10 text-gray-600" x-text="parseInt(step / 3 \* 100) +'%'"></div>

</div>

</div>

</div>

<!-- /Top Navigation -->

<!-- Step Content -->

<div class="py-10">

<div x-show.transition.in="step === 1">

<div class="mb-5 text-center">

<div class="mx-auto w-32 h-32 mb-2 border rounded-full relative bg-gray-100 mb-4 shadow-inset">

<img id="image" class="object-cover w-full h-32 rounded-full" :src="image" />

</div>

<label

for="fileInput"

type="button"

class="cursor-pointer inine-flex justify-between items-center focus:outline-none border py-2 px-4 rounded-lg shadow-sm text-left text-gray-600 bg-white hover:bg-gray-100 font-medium"

>

<svg xmlns="http://www.w3.org/2000/svg" class="inline-flex flex-shrink-0 w-6 h-6 -mt-1 mr-1" viewBox="0 0 24 24" stroke-width="2" stroke="currentColor" fill="none" stroke-linecap="round" stroke-linejoin="round">

<rect x="0" y="0" width="24" height="24" stroke="none"></rect>

<path d="M5 7h1a2 2 0 0 0 2 -2a1 1 0 0 1 1 -1h6a1 1 0 0 1 1 1a2 2 0 0 0 2 2h1a2 2 0 0 1 2 2v9a2 2 0 0 1 -2 2h-14a2 2 0 0 1 -2 -2v-9a2 2 0 0 1 2 -2" />

<circle cx="12" cy="13" r="3" />

</svg>

Browse Photo

</label>

<div class="mx-auto w-48 text-gray-500 text-xs text-center mt-1">Click to add profile picture</div>

<input name="photo" id="fileInput" accept="image/\*" class="hidden" type="file" @change="let file = document.getElementById('fileInput').files[0];

var reader = new FileReader();

reader.onload = (e) => image = e.target.result;

reader.readAsDataURL(file);">

</div>

<div class="mb-5">

<label for="firstname" class="font-bold mb-1 text-gray-700 block">Firstname</label>

<input type="text"

class="w-full px-4 py-3 rounded-lg shadow-sm focus:outline-none focus:shadow-outline text-gray-600 font-medium"

placeholder="Enter your firstname...">

</div>

<div class="mb-5">

<label for="email" class="font-bold mb-1 text-gray-700 block">Email</label>

<input type="email"

class="w-full px-4 py-3 rounded-lg shadow-sm focus:outline-none focus:shadow-outline text-gray-600 font-medium"

placeholder="Enter your email address...">

</div>

</div>

<div x-show.transition.in="step === 2">

<div class="mb-5">

<label for="password" class="font-bold mb-1 text-gray-700 block">Set up password</label>

<div class="text-gray-600 mt-2 mb-4">

Please create a secure password including the following criteria below.

<ul class="list-disc text-sm ml-4 mt-2">

<li>lowercase letters</li>

<li>numbers</li>

<li>capital letters</li>

<li>special characters</li>

</ul>

</div>

<div class="relative">

<input

:type="togglePassword ? 'text' : 'password'"

@keydown="checkPasswordStrength()"

x-model="password"

class="w-full px-4 py-3 rounded-lg shadow-sm focus:outline-none focus:shadow-outline text-gray-600 font-medium"

placeholder="Your strong password...">

<div class="absolute right-0 bottom-0 top-0 px-3 py-3 cursor-pointer"

@click="togglePassword = !togglePassword"

>

<svg :class="{'hidden': !togglePassword, 'block': togglePassword }" xmlns="http://www.w3.org/2000/svg" class="w-6 h-6 fill-current text-gray-500" viewBox="0 0 24 24"><path d="M12 19c.946 0 1.81-.103 2.598-.281l-1.757-1.757C12.568 16.983 12.291 17 12 17c-5.351 0-7.424-3.846-7.926-5 .204-.47.674-1.381 1.508-2.297L4.184 8.305c-1.538 1.667-2.121 3.346-2.132 3.379-.069.205-.069.428 0 .633C2.073 12.383 4.367 19 12 19zM12 5c-1.837 0-3.346.396-4.604.981L3.707 2.293 2.293 3.707l18 18 1.414-1.414-3.319-3.319c2.614-1.951 3.547-4.615 3.561-4.657.069-.205.069-.428 0-.633C21.927 11.617 19.633 5 12 5zM16.972 15.558l-2.28-2.28C14.882 12.888 15 12.459 15 12c0-1.641-1.359-3-3-3-.459 0-.888.118-1.277.309L8.915 7.501C9.796 7.193 10.814 7 12 7c5.351 0 7.424 3.846 7.926 5C19.624 12.692 18.76 14.342 16.972 15.558z"/></svg>

<svg :class="{'hidden': togglePassword, 'block': !togglePassword }" xmlns="http://www.w3.org/2000/svg" class="w-6 h-6 fill-current text-gray-500" viewBox="0 0 24 24"><path d="M12,9c-1.642,0-3,1.359-3,3c0,1.642,1.358,3,3,3c1.641,0,3-1.358,3-3C15,10.359,13.641,9,12,9z"/><path d="M12,5c-7.633,0-9.927,6.617-9.948,6.684L1.946,12l0.105,0.316C2.073,12.383,4.367,19,12,19s9.927-6.617,9.948-6.684 L22.054,12l-0.105-0.316C21.927,11.617,19.633,5,12,5z M12,17c-5.351,0-7.424-3.846-7.926-5C4.578,10.842,6.652,7,12,7 c5.351,0,7.424,3.846,7.926,5C19.422,13.158,17.348,17,12,17z"/></svg>

</div>

</div>

<div class="flex items-center mt-4 h-3">

<div class="w-2/3 flex justify-between h-2">

<div :class="{ 'bg-red-400': passwordStrengthText == 'Too weak' || passwordStrengthText == 'Could be stronger' || passwordStrengthText == 'Strong password' }" class="h-2 rounded-full mr-1 w-1/3 bg-gray-300"></div>

<div :class="{ 'bg-orange-400': passwordStrengthText == 'Could be stronger' || passwordStrengthText == 'Strong password' }" class="h-2 rounded-full mr-1 w-1/3 bg-gray-300"></div>

<div :class="{ 'bg-green-400': passwordStrengthText == 'Strong password' }" class="h-2 rounded-full w-1/3 bg-gray-300"></div>

</div>

<div x-text="passwordStrengthText" class="text-gray-500 font-medium text-sm ml-3 leading-none"></div>

</div>

<p class="mt-5 text-gray-600">Inspired from dribbble shot: Exploration for a password strength meter by <a href="https://dribbble.com/OvertonGraphics" class="text-blue-500">Josh Overton</a>.</p>

</div>

</div>

<div x-show.transition.in="step === 3">

<div class="mb-5">

<label for="email" class="font-bold mb-1 text-gray-700 block">Gender</label>

<div class="flex">

<label

class="flex justify-start items-center text-truncate rounded-lg bg-white pl-4 pr-6 py-3 shadow-sm mr-4">

<div class="text-teal-600 mr-3">

<input type="radio" x-model="gender" value="Male" class="form-radio focus:outline-none focus:shadow-outline" />

</div>

<div class="select-none text-gray-700">Male</div>

</label>

<label

class="flex justify-start items-center text-truncate rounded-lg bg-white pl-4 pr-6 py-3 shadow-sm">

<div class="text-teal-600 mr-3">

<input type="radio" x-model="gender" value="Female" class="form-radio focus:outline-none focus:shadow-outline" />

</div>

<div class="select-none text-gray-700">Female</div>

</label>

</div>

</div>

<div class="mb-5">

<label for="profession" class="font-bold mb-1 text-gray-700 block">Profession</label>

<input type="profession"

class="w-full px-4 py-3 rounded-lg shadow-sm focus:outline-none focus:shadow-outline text-gray-600 font-medium"

placeholder="eg. Web Developer">

</div>

</div>

</div>

<!-- / Step Content -->

</div>

</div>

<!-- Bottom Navigation -->

<div class="fixed bottom-0 left-0 right-0 py-5 bg-white shadow-md" x-show="step != 'complete'">

<div class="max-w-3xl mx-auto px-4">

<div class="flex justify-between">

<div class="w-1/2">

<button

x-show="step > 1"

@click="step--"

class="w-32 focus:outline-none py-2 px-5 rounded-lg shadow-sm text-center text-gray-600 bg-white hover:bg-gray-100 font-medium border"

>Previous</button>

</div>

<div class="w-1/2 text-right">

<button

x-show="step < 3"

@click="step++"

class="w-32 focus:outline-none border border-transparent py-2 px-5 rounded-lg shadow-sm text-center text-white bg-blue-500 hover:bg-blue-600 font-medium"

>Next</button>

<button

@click="step = 'complete'"

x-show="step === 3"

class="w-32 focus:outline-none border border-transparent py-2 px-5 rounded-lg shadow-sm text-center text-white bg-blue-500 hover:bg-blue-600 font-medium"

>Complete</button>

</div>

</div>

</div>

</div>

<!-- / Bottom Navigation https://placehold.co/300x300/e2e8f0/cccccc -->

</div>

<script>

function app() {

return {

step: 1,

passwordStrengthText: '',

togglePassword: false,

image: 'data:image/jpeg;base64,',

password: '',

gender: 'Male',

checkPasswordStrength() {

var strongRegex = new RegExp("^(?=.\*[a-z])(?=.\*[A-Z])(?=.\*[0-9])(?=.\*[!@#\$%\^&\\*])(?=.{8,})");

var mediumRegex = new RegExp("^(((?=.\*[a-z])(?=.\*[A-Z]))|((?=.\*[a-z])(?=.\*[0-9]))|((?=.\*[A-Z])(?=.\*[0-9])))(?=.{6,})");

let value = this.password;

if (strongRegex.test(value)) {

this.passwordStrengthText = "Strong password";

} else if(mediumRegex.test(value)) {

this.passwordStrengthText = "Could be stronger";

} else {

this.passwordStrengthText = "Too weak";

}

}

}

}

</script>

</body>

*Python Any Where Hosting Wsgi File*

# +++++++++++ DJANGO +++++++++++

# To use your own django app use code like this:

import os

import sys

path = os.path.expanduser('/home/ranarabees/RBASSA')

if path not in sys.path:

sys.path.insert(0, path)

os.environ['DJANGO\_SETTINGS\_MODULE'] = 'RBSA.settings'

from django.core.wsgi import get\_wsgi\_application

from django.contrib.staticfiles.handlers import StaticFilesHandler

application = StaticFilesHandler(get\_wsgi\_application())

*For\*\*\*\*\*\*\*\*\*\*My Suggestions\*\*\*\**

This file is for hosting Django Websites with python any where.com

## Deploying This Project

[Clich Here to See Live Demo](https://peppa.pythonanywhere.com/)

-> Make Sure you have Git Installed

Git Download

https://git-scm.com/download/win

-> Create a GitHub Account at

https://github.com/

-> Get Your Project files or grap mine here

https://github.com/Academy-Omen/django-portfolio

-> Create repository and Push the code to GitHub

-> Test django webapp and create django requirements files

``` bash

python manage.py runserver

python -m pip freeze > requirements.txt

```

-> Update Repository

-> Create Pythonanywhere account

https://www.pythonanywhere.com/registration/register/beginner/

-> Clone repository

``` bash

git clone https://github.com/itzomen/porto.git

```

-> Create a Virtual environment using

``` bash

mkvirtualenv --python=/usr/bin/python3.8 venv

```

-> Install all requirements using

``` bash

pip install -r requirements.txt

```

-> Setting up your Web app and WSGI file

```

Source code: /home/peppa/porto

Working directory: /home/peppa/

Virtual Environtment Path: /home/peppa/.virtualenvs/env

# Paths

/static/ /home/peppa/porto/static\_root/

/media/ /home/peppa/porto/media\_root/

```

-> WSGI

```

import os

import sys

path = os.path.expanduser('~/porto')

if path not in sys.path:

sys.path.insert(0, path)

os.environ['DJANGO\_SETTINGS\_MODULE'] = 'portfolio.settings'

from django.core.wsgi import get\_wsgi\_application

from django.contrib.staticfiles.handlers import StaticFilesHandler

application = StaticFilesHandler(get\_wsgi\_application())

```

Database setup

If, like most sites, your site uses a database, you'll need to set that up. Go to the Consoles tab, start a bash console, use cd to navigate to the directory where your Django project's manage.py lives, then run

./manage.py migrate

TO clear Disk Space on Pythonanywhere.com

Open the bash console of Pythonanywhere.com

Run the following command:

du -hs /tmp

and then run:

rm -rf /tmp/\*

after that your most of data occupied by git files will be removed