

## Sprint-1

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Project Name	Smart Fashion Recommender Application
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### Sprint1.py:

```
from flask import Flask, render_template, request, redirect, url_for, session
import ibm_db
import re

app = Flask(__name__)
app.secret_key = 'a'

conn = ibm_db.connect("DATABASE=bludb;HOSTNAME=9938aec0-8105-433e-8bf9-0fbb7e483086.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud;PORT=32459;Security=SSL;SSLServerCertificate=DigiCertGlobalRootCA.crt;UID=dpk79343;PWD=29Jm7EbzOubtoerk", "", "")

@app.route('/')
def homer():
    return render_template('login.html')

@app.route('/Login', methods=['GET', 'POST'])
def login():
    global userid
    msg = ""

    if request.method == 'POST':
        username = request.form['username']
        password = request.form['password']

        sql = "SELECT * FROM users WHERE username =? AND password=?"
        stmt = ibm_db.prepare(conn, sql)
        ibm_db.bind_param(stmt, 1, username)
        ibm_db.bind_param(stmt, 2, password)
        ibm_db.execute(stmt)
```

```

account = ibm_db.fetch_assoc(stmt)
print(account)
if account:
    session['loggedin'] = True
    session['id'] = account['USERNAME']
    userid = account['USERNAME']
    session['username'] = account['USERNAME']
    msg = 'Logged in successfully !'
    msg = 'Logged in successfully !'
    return render_template('homepage.html', msg=msg)
else:
    msg = 'Incorrect username / password !'
    return render_template('login.html', msg=msg)
@app.route('/Register', methods=['GET', 'POST'])
def registet():
    msg = "
if request.method == 'POST':
    username = request.form['username']
    email = request.form['email']
    password = request.form['password']
    sql = "SELECT * FROM users WHERE username =?"
    stmt = ibm_db.prepare(conn, sql)
    ibm_db.bind_param(stmt, 1, username)
    ibm_db.execute(stmt)
    account = ibm_db.fetch_assoc(stmt)
    print(account)
    if account:
        msg = 'Account already exists !'
    elif not re.match(r'^[a-zA-Z0-9]+@[a-zA-Z0-9]+\.[a-zA-Z0-9]+$', email):
        msg = 'Invalid email address !'
    elif not re.match(r'[A-Za-z0-9]+', username):
        msg = 'name must contain only characters and numbers !'

```

```

else:
    insert_sql = "INSERT INTO users VALUES (?, ?, ?)"
    prep_stmt = ibm_db.prepare(conn, insert_sql)
    ibm_db.bind_param(prepare_stmt, 1, username)
    ibm_db.bind_param(prepare_stmt, 2, email)
    ibm_db.bind_param(prepare_stmt, 3, password)
    ibm_db.execute(prepare_stmt)
    msg = 'You have successfully registered !'
elif request.method == 'POST':
    msg = 'Please fill out the form !'
    return render_template('index.html', msg=msg)
@app.route('/Homepage')
def dash():
    return render_template('Homepage.html')
@app.route('/apply', methods=['GET', 'POST'])
def apply():
    msg = ""
    if request.method == 'POST':
        username = request.form['username']
        email = request.form['email']
        qualification = request.form['qualification']
        skills = request.form['skills']
        jobs = request.form['s']
        sql = "SELECT * FROM users WHERE username =?"
        stmt = ibm_db.prepare(conn, sql)
        ibm_db.bind_param(stmt, 1, username)
        ibm_db.execute(stmt)
        account = ibm_db.fetch_assoc(stmt)
        print(account)
        if account:
            msg = 'there is only 1 job position! for you'
    return render_template('apply.html', msg=msg)

```

```

insert_sql = "INSERT INTO job VALUES (?, ?, ?, ?, ?)"
prep_stmt = ibm_db.prepare(conn, insert_sql)
ibm_db.bind_param(prepare_stmt, 1, username)
ibm_db.bind_param(prepare_stmt, 2, email)
ibm_db.bind_param(prepare_stmt, 3, qualification)
ibm_db.bind_param(prepare_stmt, 4, skills)
ibm_db.bind_param(prepare_stmt, 5, jobs)
ibm_db.execute(prepare_stmt)
msg = 'You have successfully applied for job !'
session['loggedin'] = True
TEXT = "Hello,a new application for job position" + jobs+"is requested"
elif request.method == 'POST':
    msg = 'Please fill out the form !'
    return render_template('apply.html', msg=msg)
@app.route('/display')
def display():
    print(session["username"], session['id'])
    cursor = mysql.connection.cursor()
    cursor.execute('SELECT * FROM job WHERE userid = % s', (session['id'],))
    account = cursor.fetchone()
    print("accountdisplay", account)
    return render_template('display.html', account=account)
@app.route('/logout')
def logout():
    session.pop('loggedin', None)
    session.pop('id', None)
    session.pop('username', None)
    return render_template('home.html')
if __name__ == '__main__':
    app.run(host='0.0.0.0')

```

### **login.html:**

<html>

```
<head>
<title> Fashion Vibe </title>
</head>
<style>
*{
margin: 0;
padding: 0;
font-family:"Century Gothic", CenturyGothic, AppleGothic, sans-serif;
}
.main{
width: 100%;
background:#DFF6FF;
background-position: center;
background-size: cover;
height: 100%;
font-family:"Century Gothic", CenturyGothic, AppleGothic, sans-serif;
}
.navbar{
width: 100%;
height: 75px;
margin: auto;
}
.icon{
width: 200px;
float: left;
height: 70px;
}
.logo{
color:#25316D;
font-size: 35px;
padding-left: 20px;
float: left;
```

padding-top: 10px;

}

.menu{

width: 400px;

float: left;

height: 70px;

}

ul{

float: left;

display: flex;

justify-content: center;

align-items: center;

}

ul li{

list-style: none;

margin-left: 62px;

margin-top: 27px;

font-size: 14px;

}

ul li a{

text-decoration: none;

color: #0F3460;

font-weight: bold;

transition: 0.4s ease-in-out;

}

ul li a: hover{

color: white;

}

.search{

width: 330px;

float: left;

margin-left: 270px;

```
}  
.srch{  
width: 200px;  
height: 40px;  
background: transparent;  
border: 1px solid black;  
margin-top: 13px;  
color: yellow;  
border-right: none;  
font-size: 16px;  
float: left;  
padding: 10px;  
border-bottom-left-radius: 5px;  
border-top-left-radius: 5px;  
}  
.btn{  
width: 100px;  
height: 40px;  
background: #850E35;  
border: 2px solid black;  
margin-top: 13px;  
color: #ffff;  
font-size: 15px;  
border-bottom-right-radius: 5px;  
border-bottom-right-radius: 5px;  
}  
.btn:focus{  
outline: none;  
}  
.srch:focus{  
outline: none;  
}
```

```
.content{
width: 1200px;
height: auto;
margin: auto;
color:#0F3460;
position: relative;
}
.content.par{
padding-left: 20px;
padding-bottom: 25px;
letter-spacing: 1.2px;
line-height: 30px;
}
.content h1{
font-size: 50px;
padding-left: 20px;

margin-top: 9%;
letter-spacing: 2px;
}
.content .cn{
width: 160px;
height: 40px;
background: greenyellow;
border: none;
margin-bottom: 10px;
margin-left: 20px;
font-size: 18px;
border-radius: 10px;
cursor: pointer;
transition: .4s ease;
}
```



```
.content .cn a{
text-decoration: none;
color: #000;
transition: .3s ease;
}
.cn:hover{
background-color: #fff;
}
.content span{
color:#0F3460;
font-size: 60px;
}
.form{
width: 250px;
height: 380px;
background: linear-gradient(to top,rgba(0,0,0,0.8)50%,rgba(0,0,0,0.8)50%);
position: absolute;
top: -20px;
left: 870px;
border-radius: 10px;
padding: 25px;
}
.form h2{
width: 220px;
text-align: center;
color:yellowgreen;
font-size: 22px;
border-radius: 10px;
margin: 2px;
padding: 8px;
}
.form input{
```

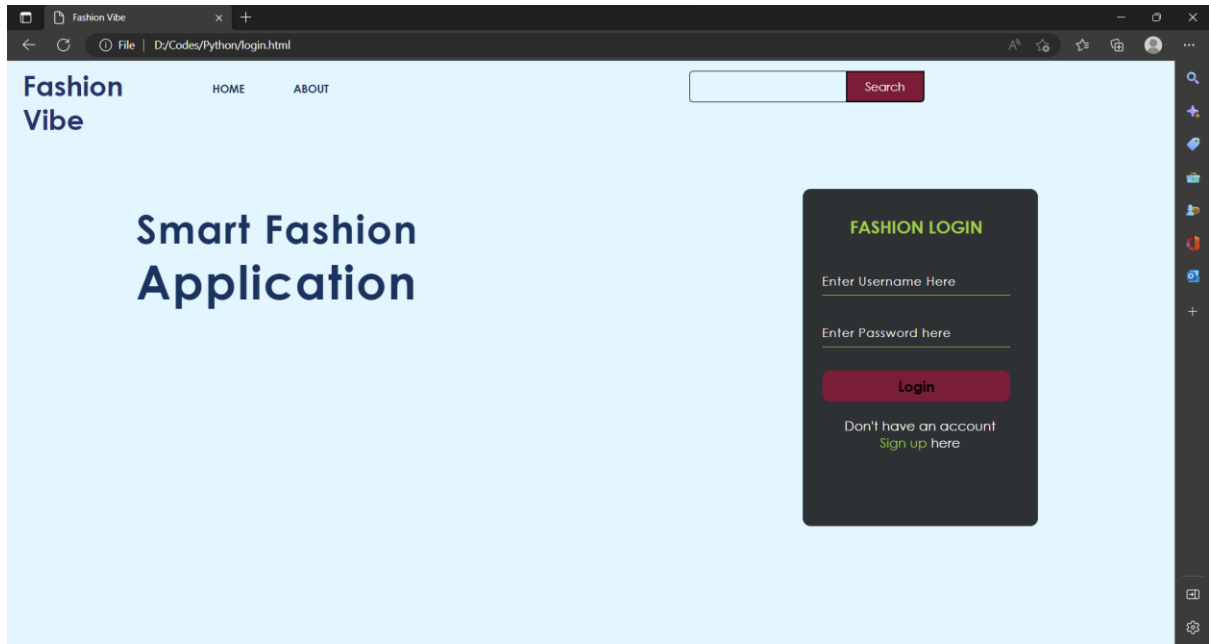
```
width: 240px;
height: 35px;
background: transparent;
}
.form input{
width: 240px;
height: 35px;
background: transparent;
border-bottom: 1px solid yellowgreen;
border-top: none;
border-right: none;
border-left: none;
color: #fff;
font-size: 15px;
letter-spacing: 1px;
margin-top: 30px;
}
.form input:focus{
outline: none;
}
::placeholder{
color: #fff;
}
.btnn{
width: 240px;
height: 40px;
background:#850E35;
border: none;
margin-top: 30px;
font-size: 18px;
border-radius: 10px;
cursor: pointer;
```

```
color: #fff;
/* color:white; */
transition: 0.4s ease;
}
.btnn:hover{
background: #fff;
color: yellowgreen;
}
.btnn a{
text-decoration: none;
color: #000;
font-weight: bold;
}
.form .link{
font-size: 17px;
padding-top: 20px;
color: white;
text-align: center;

}
.form .link a{
text-decoration: none;
color: yellowgreen;
}
.liw{
padding-top: 15px;
padding-bottom: 10px;
text-align: center;
}
</style>
<body>
<div class="main">
```

```
<div class="navbar">
<div class="icon">
<h2 class="logo">Fashion Vibe</h2>
</div>
<div class="menu">
<ul>
<li><a href="#">HOME</a></li>
<li><a href="#">ABOUT</a></li>
</ul>
</div>
<div class="search">
<input class="srch" type="search" name="" placeholder="">
<a href="#"><button class="btn">Search</button></a>
</div>
</div>
<div class="content">
<h1>Smart Fashion <br><span>Application</span></h1>
<div class="form">
<h2>FASHION LOGIN</h2>
<form action="D:\Codes\Python\Homepage.html" method="post">
<input type="text" name="username" placeholder="Enter Username Here">
<input type="password" name="password" placeholder="Enter Password here">
<button type="submit" class="btnn"><a
href="D:\Codes\Python\Homepage.html">Login</a></button>
<p class="link">Don't have an account<br>
<a href="D:\Codes\Python\index.html">Sign up </a> here</a></p>
</form>
</div>
</div>
</div>
</body>
</html>
```

## OUTPUT:



## Index.html:

```
<html>

<head>

<title>Fashion Vibe</title>

</head>

<style>

*{

margin: 0;

padding: 0;

font-family:"Century Gothic", CenturyGothic, AppleGothic, sans-serif;

}

.main{

width: 100%;

background:#DFF6FF;

background-position: center;

background-size: cover;

height: 100%;

font-family:"Century Gothic", CenturyGothic, AppleGothic, sans-serif;
```

```
}  
.navbar{  
width: 100%;  
height: 75px;  
margin: auto;  
}  
.icon{  
width: 200px;  
float: left;  
height: 70px;  
}  
.logo{  
color: #25316D;  
font-size: 35px;  
padding-left: 20px;  
float: left;  
padding-top: 10px;  
}  
.menu{  
width: 400px;  
float: left;  
height: 70px;  
}  
ul{  
float: left;  
display: flex;  
justify-content: center;  
align-items: center;  
}  
ul li{  
list-style: none;  
margin-left: 62px;
```

```
margin-top: 27px;
font-size: 14px;
}
ul li a{
text-decoration: none;
color:#0F3460;
font-weight: bold;
transition: 0.4s ease-in-out;
}
ul li a:hover{
color:red;
}
.search{
width: 330px;
float: left;
margin-left: 270px;
}
.srch{
width: 200px;
height: 40px;
background: transparent;
border: 1px solidred;
margin-top: 13px;
color:yellowgreen;
border-right: none;
font-size: 16px;
float: left;
padding: 10px;
border-bottom-left-radius: 5px;
border-top-left-radius: 5px;
}
.btn{
```

```
width: 100px;
height: 40px;
background:#850E35;
border: 2px ;
margin-top: 13px;
color:white;
font-size: 15px;
border-bottom-right-radius: 5px;
border-bottom-right-radius: 5px;
}
.btn:focus{
outline: none;
}
.srch:focus{
outline: none;
}
.content{
width: 1200px;
height: auto;
margin: auto;
color:yellowgreen;
position: relative;
}
.content.par{
padding-left: 20px;
padding-bottom: 25px;
letter-spacing: 1.2px;
line-height: 30px;
}
.content h1 {
font-size: 50px;
padding-left: 20px;
```



```
margin-top: 9%;
color: #0F3460;
letter-spacing: 2px;
}

.content .cn{
width: 160px;
height: 40px;
background: red;
border: none;
margin-bottom: 10px;
margin-left: 20px;
font-size: 18px;
border-radius: 10px;
cursor: pointer;
transition: .4s ease;
}

.content .cn a{
text-decoration: none;
color: #000;
transition: .3s ease;
}

.cn:hover{
background-color: white;
}

.content span{
color: red;
font-size: 60px;
}

.form{
width: 250px;
height: 380px;
background: linear-gradient(to top, rgba(0,0,0,0.8)50%, rgba(0,0,0,0.8)50%);
```

```
position: absolute;
top: -20px;
left: 870px;
border-radius: 10px;
padding: 25px;
}

.form h2{
width: 220px;
text-align: center;
color:red;
font-size: 22px;
border-radius: 10px;
margin: 2px;
padding: 8px;
}

.form input{
width: 240px;
height: 35px;
background: transparent;
}

.form input{
width: 240px;
height: 35px;
background: transparent;
border-bottom: 1px solidred;
border-top: none;
border-right: none;
border-left: none;
color:white;
font-size: 15px;
letter-spacing: 1px;
margin-top: 30px;
```

```
}  
.form input:focus{  
outline: none;  
}  
::placeholder{  
color:white;  
}  
.btnn{  
width: 240px;  
height: 40px;  
background:#850E35;  
border: none;  
margin-top: 30px;  
font-size: 18px;  
border-radius: 10px;  
cursor: pointer;  
color:white;  
transition: 0.4s ease;  
}  
.btnn:hover{  
background:white;  
color:#850E35;  
}  
.btnn a{  
text-decoration: none;  
color: #000;  
font-weight: bold;  
}  
.form .link{  
font-size: 17px;  
padding-top: 20px;  
text-align: center;
```

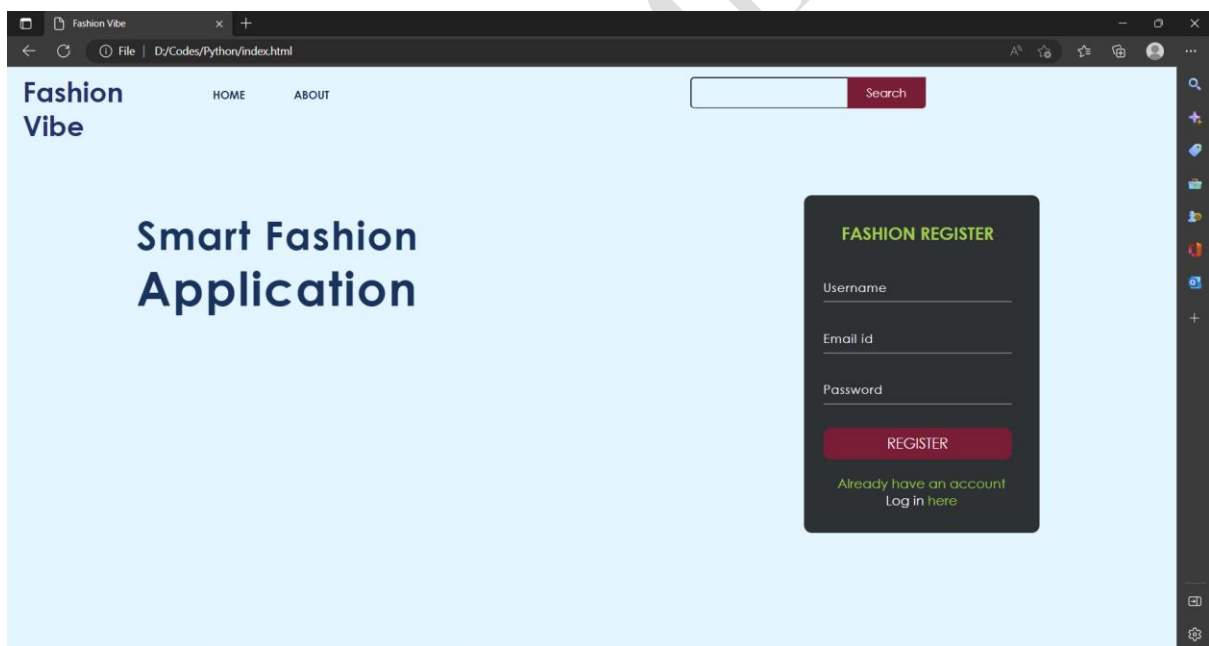
```
}
.form .link a{
text-decoration: none;
color:white;
}
.liw{
padding-top: 15px;
padding-bottom: 10px;
text-align: center;
}
</style>
<body>
<div class="main">
<div class="navbar">
<div class="icon">
<h2 class="logo">Fashion Vibe</h2>
</div>
<div class="menu">
<ul>
<li><a href="#">HOME</a></li>
<li><a href="#">ABOUT</a></li>
</ul>
</div>
<div class="search">
<input class="srch" type="search" name="" placeholder="">
<a href="#"><button class="btn">Search</button></a>
</div>
</div>
<div class="content">
<h1>Smart Fashion <br><span>Application</span></h1>
<div class="form">
<h2>FASHION REGISTER</h2>
```

```

<form action="/Register" method="post">
<input type="text" name="username" placeholder="Username">
<input type="email" name="email" placeholder="Email id">
<input type="password" name="password" placeholder="Password">
<button type="submit" class="btnn">REGISTER</button>
<p class="link">Already have an account<br>
<a href="D:\Codes\Python\login.html">Log in</a> here</a></p>
</form>
</div>
</div>
</div>
</body>

```

### **OUTPUT:**



### **Register.html:**

```

<html>
<head>
<title> Fashion Vibe </title>
</head>
<style>

```

```
*{
margin: 0;
padding: 0;
font-family:"Century Gothic", CenturyGothic, AppleGothic, sans-serif;
}
.main{
width: 100%;
background: #DFF6FF;
background-position: center;
background-size: cover;
height: 100%;
font-family:"Century Gothic", CenturyGothic, AppleGothic, sans-serif;
}
.navbar{
width: 100%;
height: 75px;
margin: auto;
}
.icon{
width: 200px;
float: left;
height: 70px;
}
.logo{
color:#25316D;
font-size: 35px;
padding-left: 20px;
float: left;
padding-top: 10px;
}
.menu{
width: 400px;
```

```
float: left;
height: 70px;
}
ul{
float: left;
display: flex;
justify-content: center;
align-items: center;
}
ul li{
list-style: none;
margin-left: 62px;
margin-top: 27px;
font-size: 14px;
}
ul li a{
text-decoration: none;
color:#0F3460;
font-weight: bold;
transition: 0.4s ease-in-out;
}
ul li a:hover{
color: rgb(98, 246, 152);
}
.search{
width: 330px;
float: left;
margin-left: 270px;
}
.srch{
width: 200px;
height: 40px;
```

```
background: transparent;
border: 1px solid black;
margin-top: 13px;
color: #ffff;
border-right: none;
font-size: 16px;
float: left;
padding: 10px;
border-bottom-left-radius: 5px;
border-top-left-radius: 5px;
}
.btn{
width: 100px;
height: 40px;
background:#850E35;
border: 2px solid black;
margin-top: 13px;
color: #ffff;
font-size: 15px;
border-bottom-right-radius: 5px;
border-bottom-right-radius: 5px;
}
.btn:focus{
outline: none;
}
.srch:focus{
outline: none;
}
}
.content{
width: 1200px;
height: auto;
margin: auto;
```



```
color: #ffff;
position: relative;
}
.content.par{
padding-left: 20px;
padding-bottom: 25px;
letter-spacing: 1.2px;
line-height: 30px;
}
.content h1{
font-size: 50px;
padding-left: 20px;
margin-top: 9%;
letter-spacing: 2px;
}
.content .cn{
width: 160px;
height: 40px;
background: rgb(98, 246, 152);
border: none;
margin-bottom: 10px;
margin-left: 20px;
font-size: 18px;
border-radius: 10px;
cursor: pointer;
transition: .4s ease;
}
.content .cn a{
text-decoration: none;
color: #000;
transition: .3s ease;
}
```

```
.cn:hover{
background-color: #fff;
}

.content span{
color:rgb(98, 246, 152);
font-size: 60px;
}

.form{
width: 250px;
height: 380px;
background: linear-gradient(to top,rgba(0,0,0,0.8)50%,rgba(0,0,0,0.8)50%);
position: absolute;
top: -20px;
left: 870px;
border-radius: 10px;
padding: 25px;
}

.form h2{
width: 220px;
text-align: center;
color:rgb(98, 246, 152);
font-size: 22px;
border-radius: 10px;
margin: 2px;
padding: 8px;
}

.form input{
width: 240px;
height: 35px;
background: transparent;
}

.form input{
```

```
width: 240px;
height: 35px;
background: transparent;
border-bottom: 1px solid rgb(98, 246, 152);
border-top: none;
border-right: none;
border-left: none;
color: #fff;
font-size: 15px;
letter-spacing: 1px;
margin-top: 30px;
}
.form input:focus{
outline: none;
}
::placeholder{
color: #fff;
}
.btnn{
width: 240px;
height: 40px;
background: rgb(98, 246, 152);
border: none;
margin-top: 30px;
font-size: 18px;
border-radius: 10px;
cursor: pointer;
color: #fff;
transition: 0.4s ease;
}
.btnn:hover{
background: #fff;
```

```
color: rgb(98, 246, 152);
```

```
}
```

```
.btnn a{
```

```
text-decoration: none;
```

```
color: #000;
```

```
font-weight: bold;
```

```
}
```

```
.form .link{
```

```
font-size: 17px;
```

```
padding-top: 20px;
```

```
text-align: center;
```

```
}
```

```
.form .link a{
```

```
text-decoration: none;
```

```
color: rgb(98, 246, 152);
```

```
}
```

```
.liw{
```

```
padding-top: 15px;
```

```
padding-bottom: 10px;
```

```
text-align: center;
```

```
}
```

```
</style>
```

```
<body>
```

```
<div class="main">
```

```
<div class="navbar">
```

```
<div class="icon">
```

```
<h2 class="logo">Fashion Vibe</h2>
```

```
</div>
```

```
<div class="menu">
```

```
<ul>
```

```
<li><a href="#">HOME</a></li>
```

```
<li><a href="#">ABOUT</a></li>
```

```
</ul>
</div>
<div class="search">
<input class="srch" type="search" name="" placeholder="">
<a href="#"><button class="btn">Search</button></a>
</div>
</div>
</div>
</body>
</html>
```

**OUTPUT:**

