Project Development Phase
Sprint 4

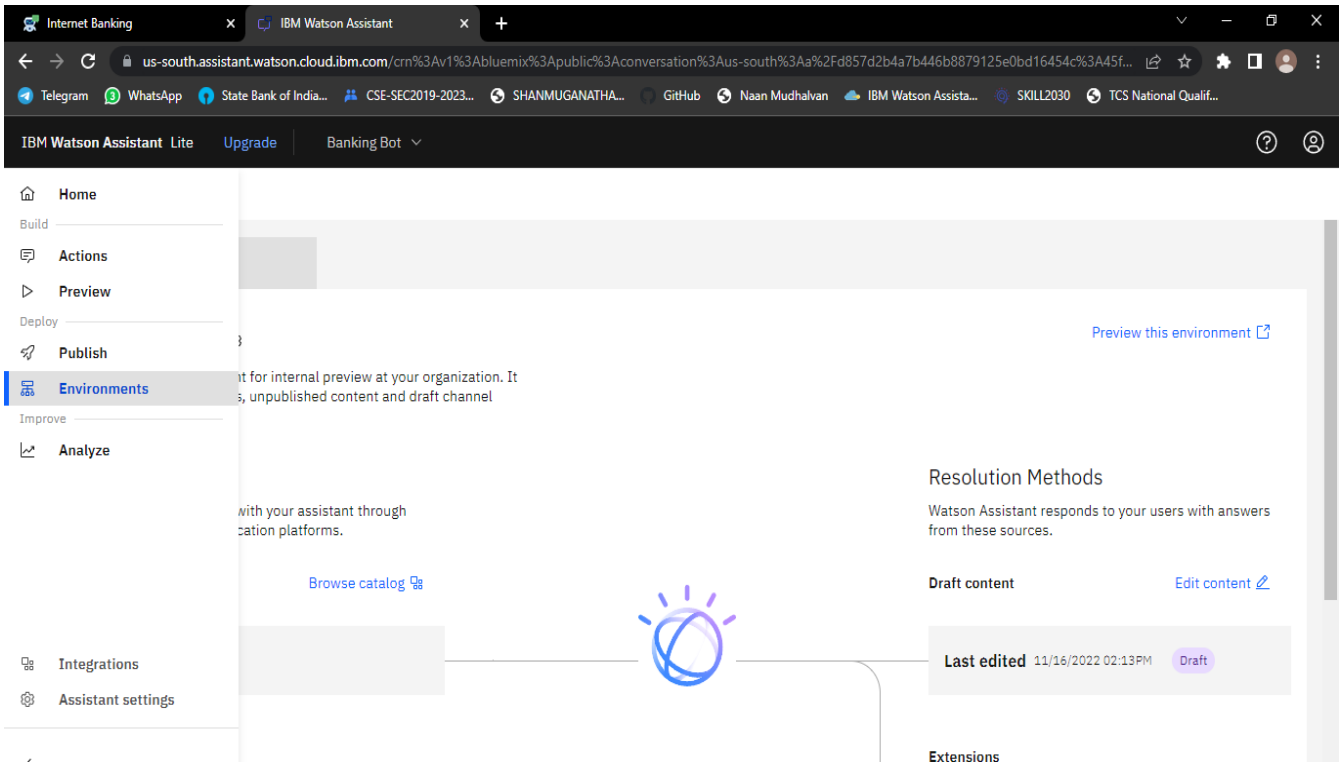
Date	16 November 2022
Team ID	PNT2022TMID48085
Project Name	Project – AI BASED DISCOURSE FOR BANKING INDUSTRY

Sprint -4:

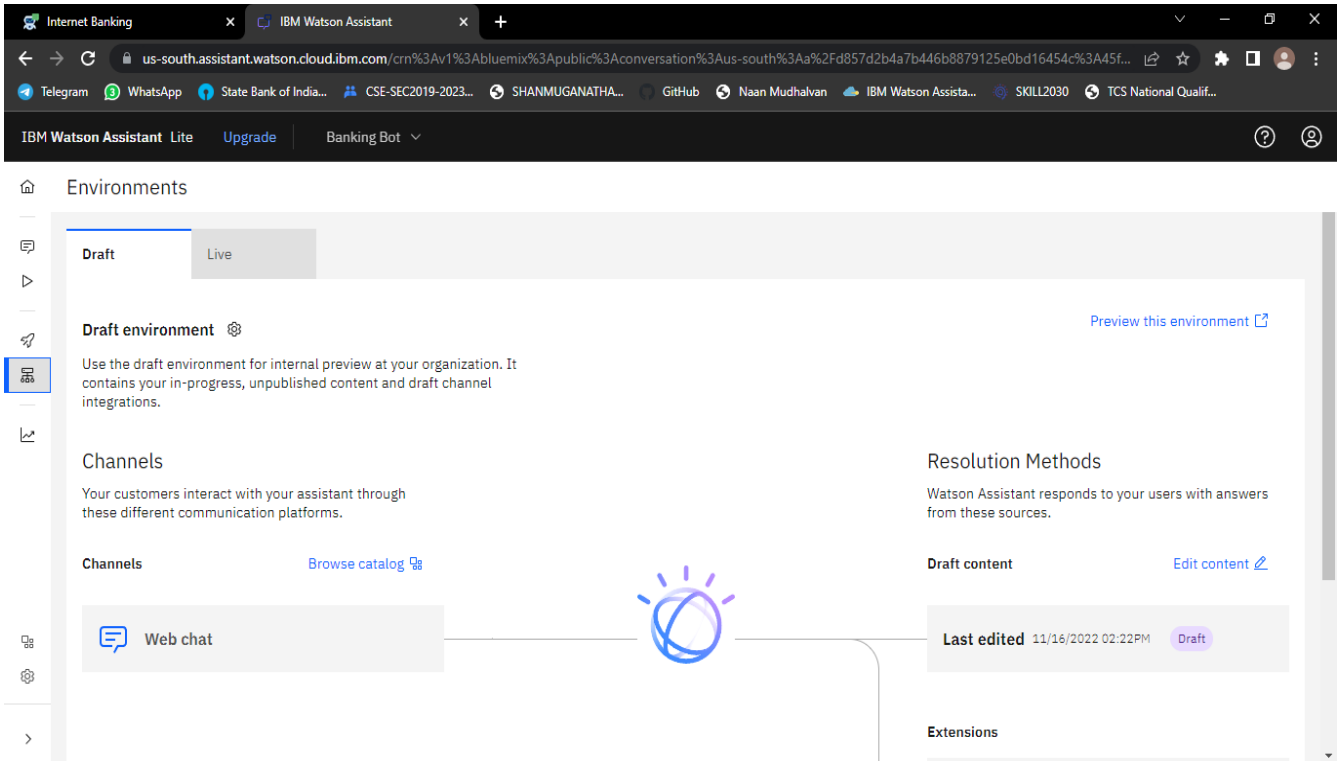
1. Creating Assistant & Integrate with Flask Web Page Build Python Code
2. Build HTML Code
3. Run the Application

1. Creating Assistant & Integrate with Flask Web Page Build Python Code

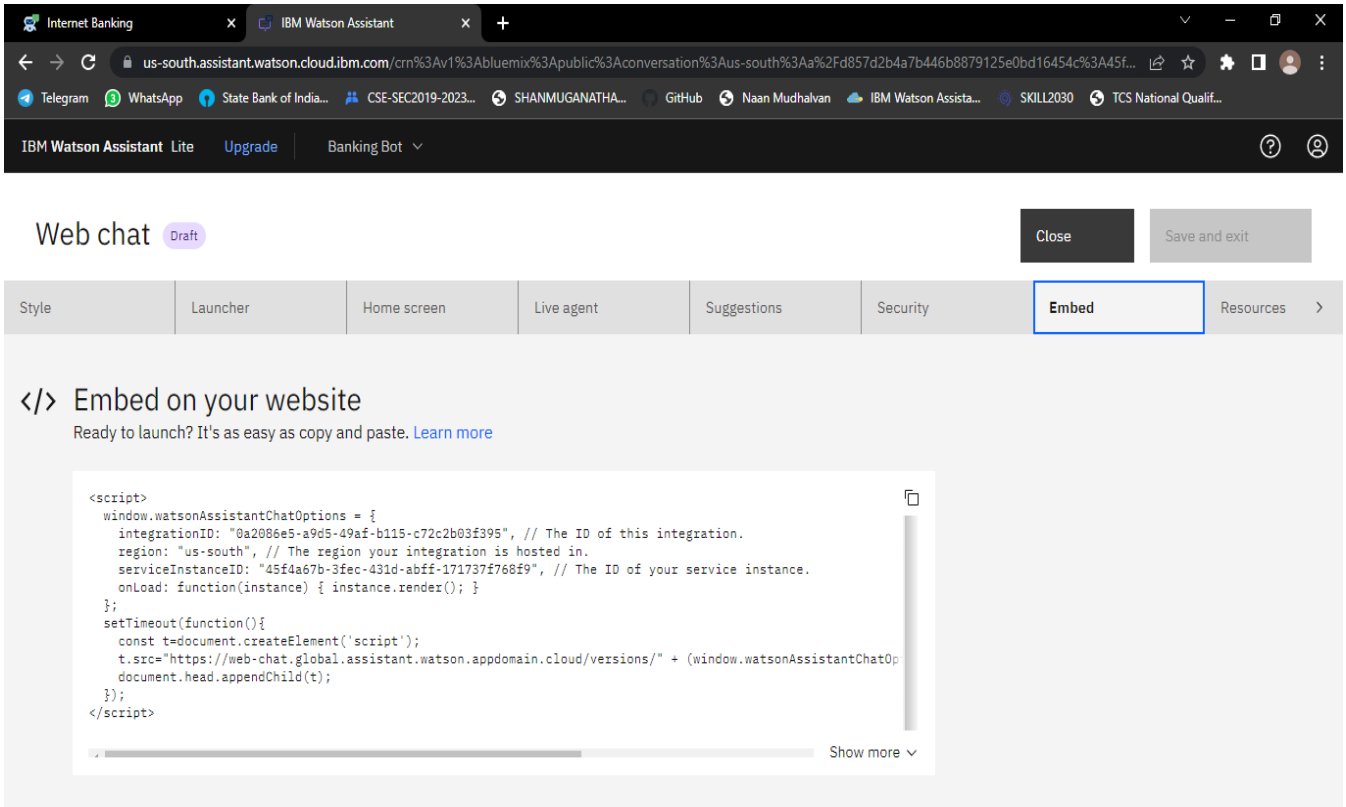
1.1 Open IBM Watson Assistant → Choose the Environment



1.2 Choose the Web chat.

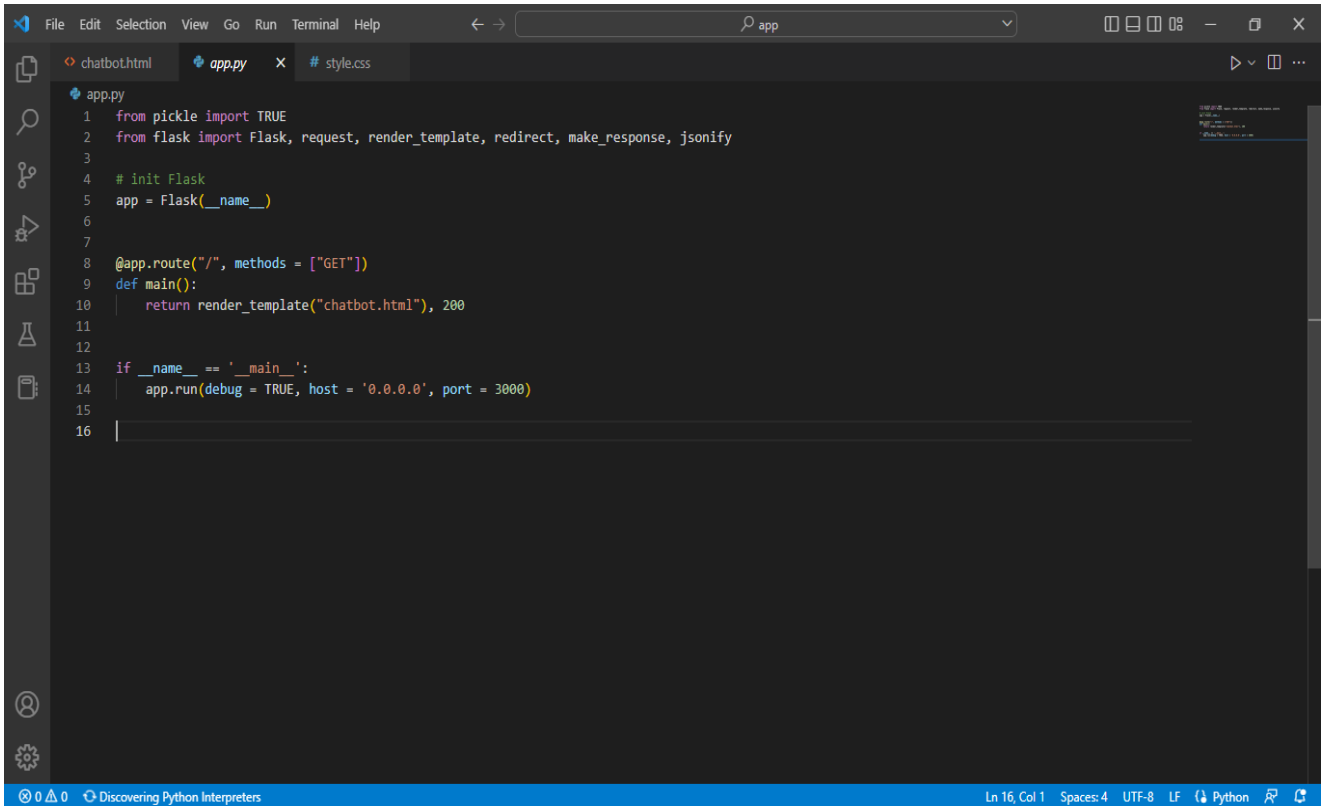


1.3 Choose the Embed → Copy the Script File



1.4 Assistant Integrate with the Python Flask

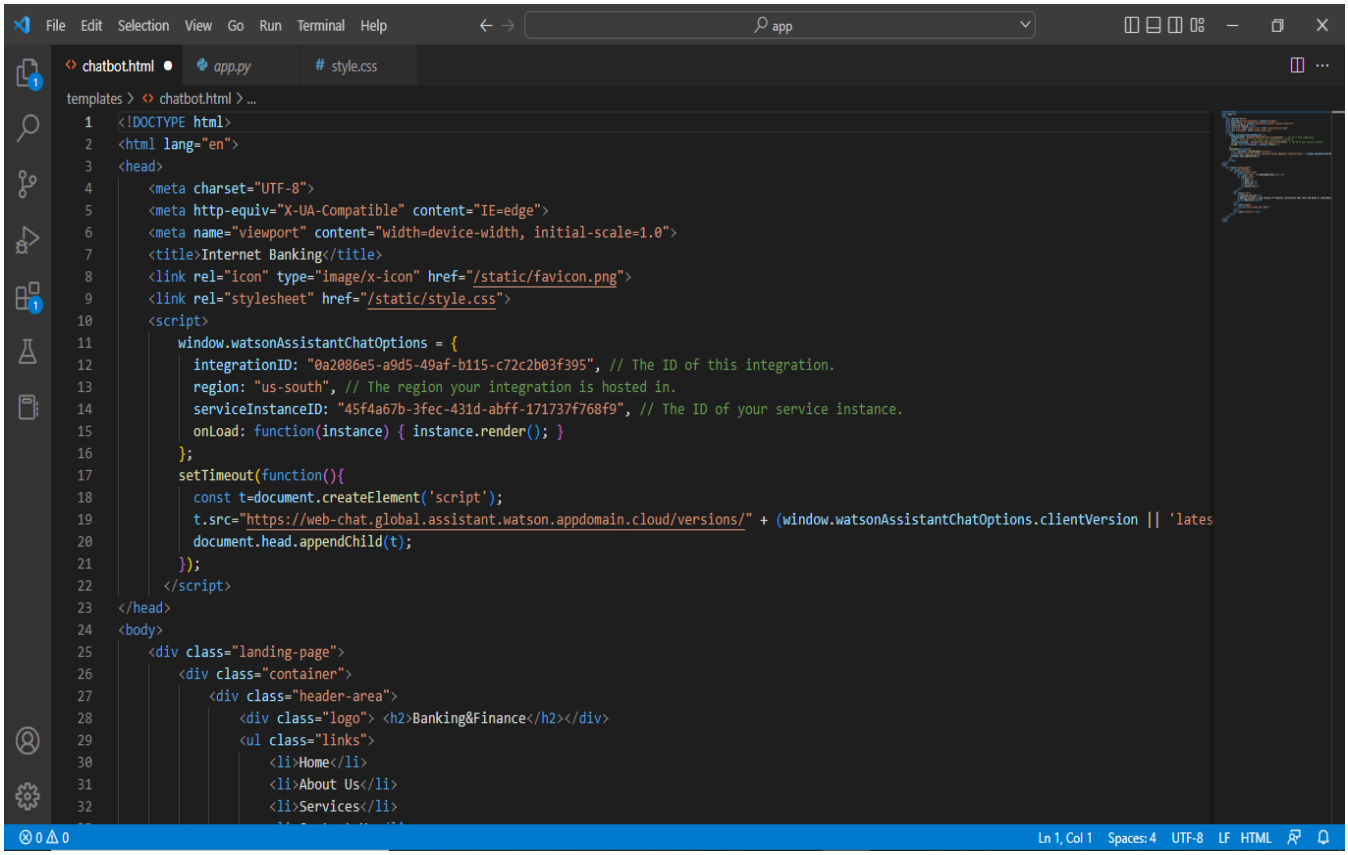
```
from pickle import TRUE
from flask import Flask, request, render_template, redirect, make_response, jsonify
# init Flask
app = Flask(__name__)
@app.route("/", methods = ["GET"])
def main():
    return render_template("chatbot.html"), 200
if __name__ == '__main__':
    app.run(debug = TRUE, host = '0.0.0.0', port = 3000)
```



2.Bulid HTML code

```
<!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>Internet Banking</title>
    <link rel="icon" type="image/x-icon" href="/static/favicon.png">
    <link rel="stylesheet" href="/static/style.css">
    <script>
        window.watsonAssistantChatOptions = {
          integrationID: "0a2086e5-a9d5-49af-b115-c72c2b03f395", // The ID of this
integration.
          region: "us-south", // The region your integration is hosted in.
          serviceInstanceID: "45f4a67b-3fec-431d-abff-171737f768f9", // The ID of your service
instance.
          onLoad: function(instance) { instance.render(); }
        };
        setTimeout(function(){
          const t=document.createElement('script');
          t.src="https://web-chat.global.assistant.watson.appdomain.cloud/versions/" +
(window.watsonAssistantChatOptions.clientVersion || 'latest') +
"/WatsonAssistantChatEntry.js";
          document.head.appendChild(t);
        });
      </script>
</head>
<body>
    <div class="landing-page">
        <div class="container">
            <div class="header-area">
```

```
            <div class="logo"> <h2>Banking&Finance</h2></div>
            <ul class="links">
                <li>Home</li>
                <li>About Us</li>
                <li>Services</li>
                <li>Contact Us</li>
            </ul>
        </div>
        <div class="info">
            <h1>Banking Services</h1>
            <p>Banking includes a wide variety of financial institutions that store the money of individuals, businesses and other entities. Banks provide financial services that help people save, manage and invest their money.</p>
            <button>Read More</button>
        </div>
        <div class="image">
            <img src="static/home.png" alt="">
        </div>
        <div class="clearfix"></div>
    </div>
  </div>
</body>
</html>
```



templates > chatbot.html > ...

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      </script>
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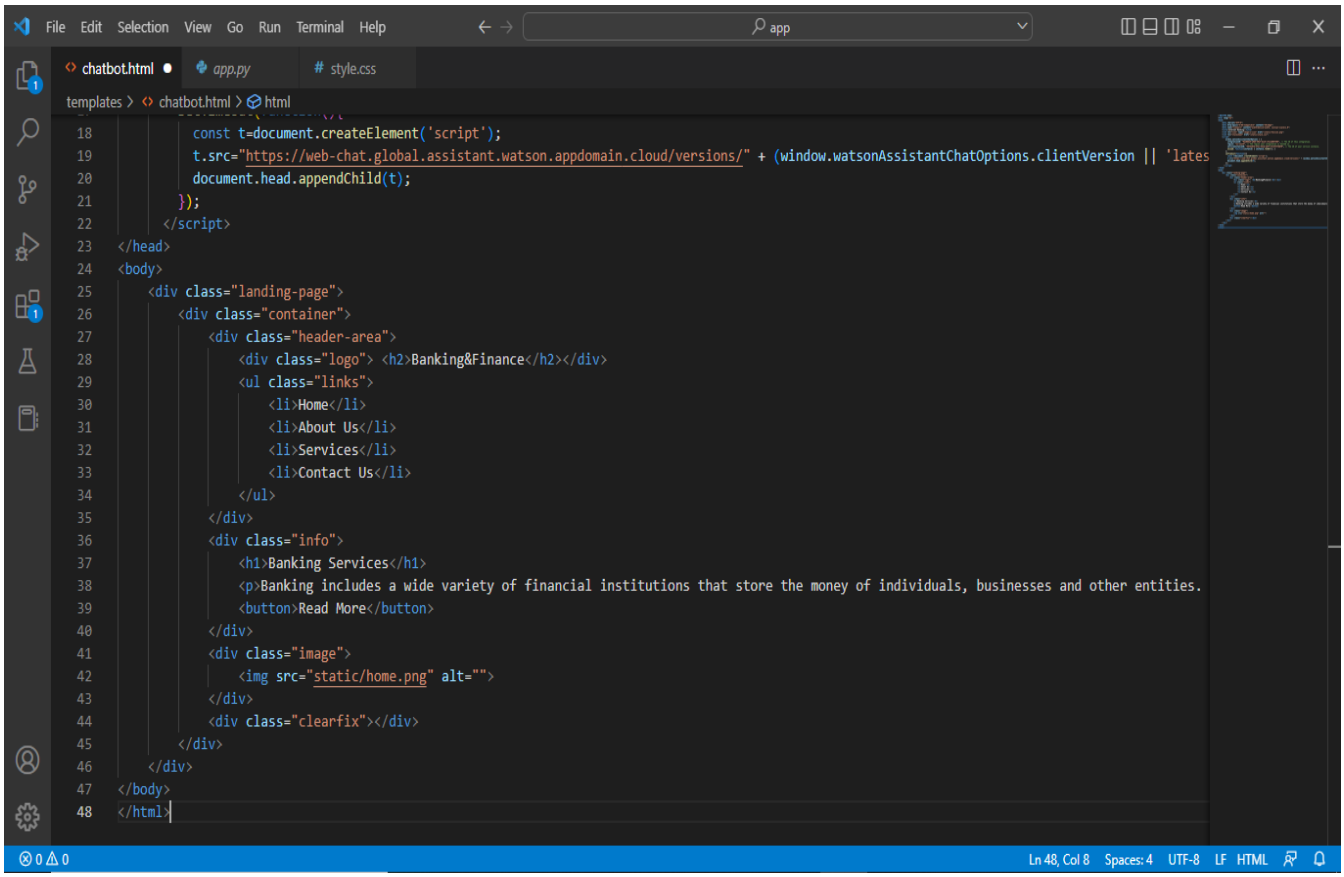

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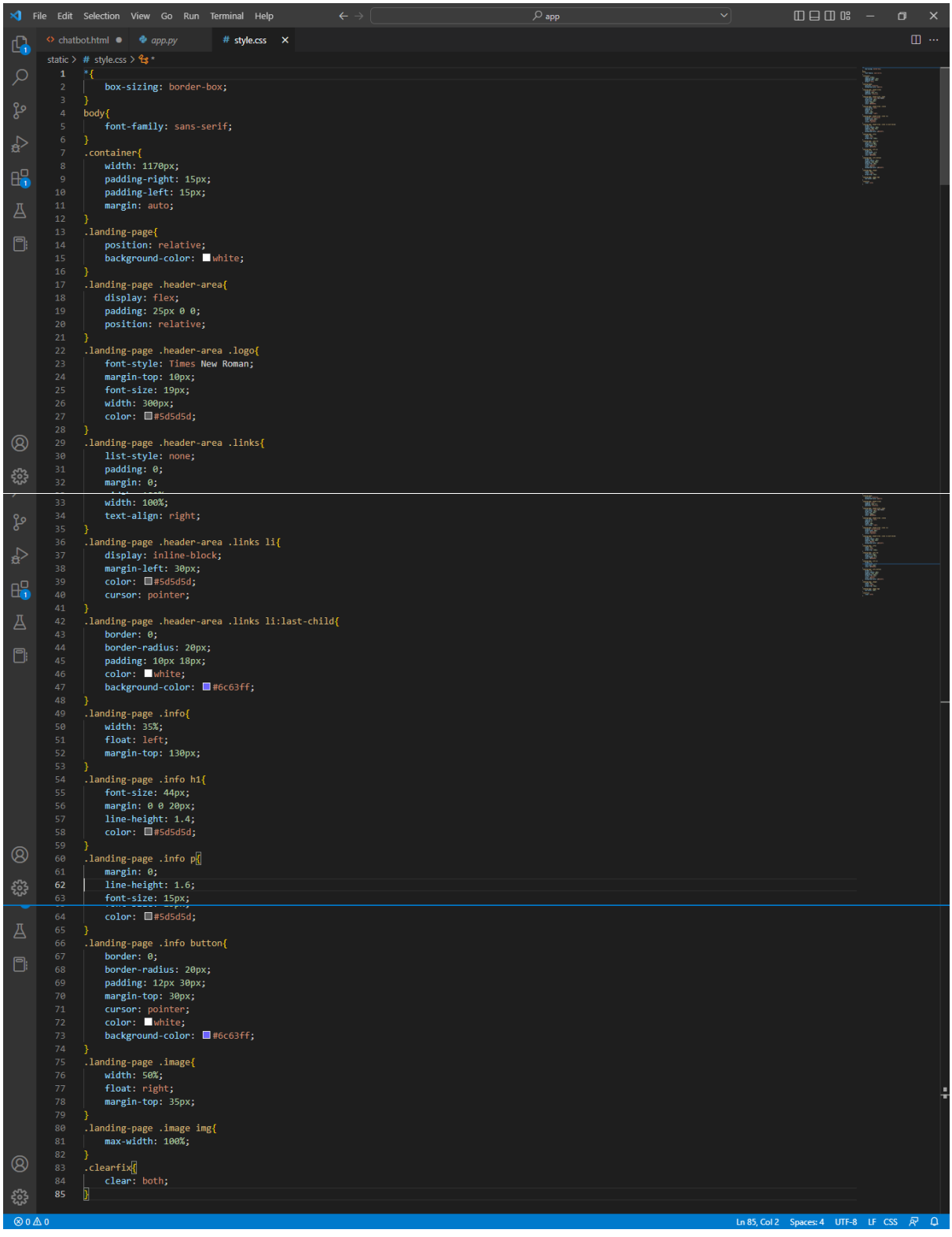
            </div>
            <div class="image">
                <img src="static/home.png" alt="">
            </div>
            <div class="clearfix"></div>
        </div>
    </div>
</body>
</html>
```

CSS code:

```
*{
    box-sizing: border-box;
}
body{
    font-family: sans-serif;
}
.container{
    width: 1170px;
    padding-right: 15px;
    padding-left: 15px;
    margin: auto;
}
.landing-page{
    position: relative;
    background-color: white;
}
.landing-page .header-area{
    display: flex;
    padding: 25px 0 0;
    position: relative;
}
.landing-page .header-area .logo{
    font-style: Times New Roman;
    margin-top: 10px;
    font-size: 19px;
    width: 300px;
    color: #5d5d5d;
}
.landing-page .header-area .links{
    list-style: none;
    padding: 0;
    margin: 0;
    width: 100%;
    text-align: right;
}
.landing-page .header-area .links li{
    display: inline-block;
    margin-left: 30px;
    color: #5d5d5d;
    cursor: pointer;
}
.landing-page .header-area .links li:last-child{
    border: 0;
    border-radius: 20px;
    padding: 10px 18px;
    color: white;
    background-color: #6c63ff;
```

```
}
.landing-page .info{
    width: 35%;
    float: left;
    margin-top: 130px;
}
.landing-page .info h1{
    font-size: 44px;
    margin: 0 0 20px;
    line-height: 1.4;
    color: #5d5d5d;
}
.landing-page .info p{
    margin: 0;
    line-height: 1.6;
    font-size: 15px;
    color: #5d5d5d;
}
.landing-page .info button{
    border: 0;
    border-radius: 20px;
    padding: 12px 30px;
    margin-top: 30px;
    cursor: pointer;
    color: white;
    background-color: #6c63ff;
}
.landing-page .image{
    width: 50%;
    float: right;
    margin-top: 35px;
}
.landing-page .image img{
    max-width: 100%;
}
.clearfix{
    clear: both;
}
```


File Edit Selection View Go Run Terminal Help
app
chatbot.html
app.py
style.css
static > style.css > *
*{
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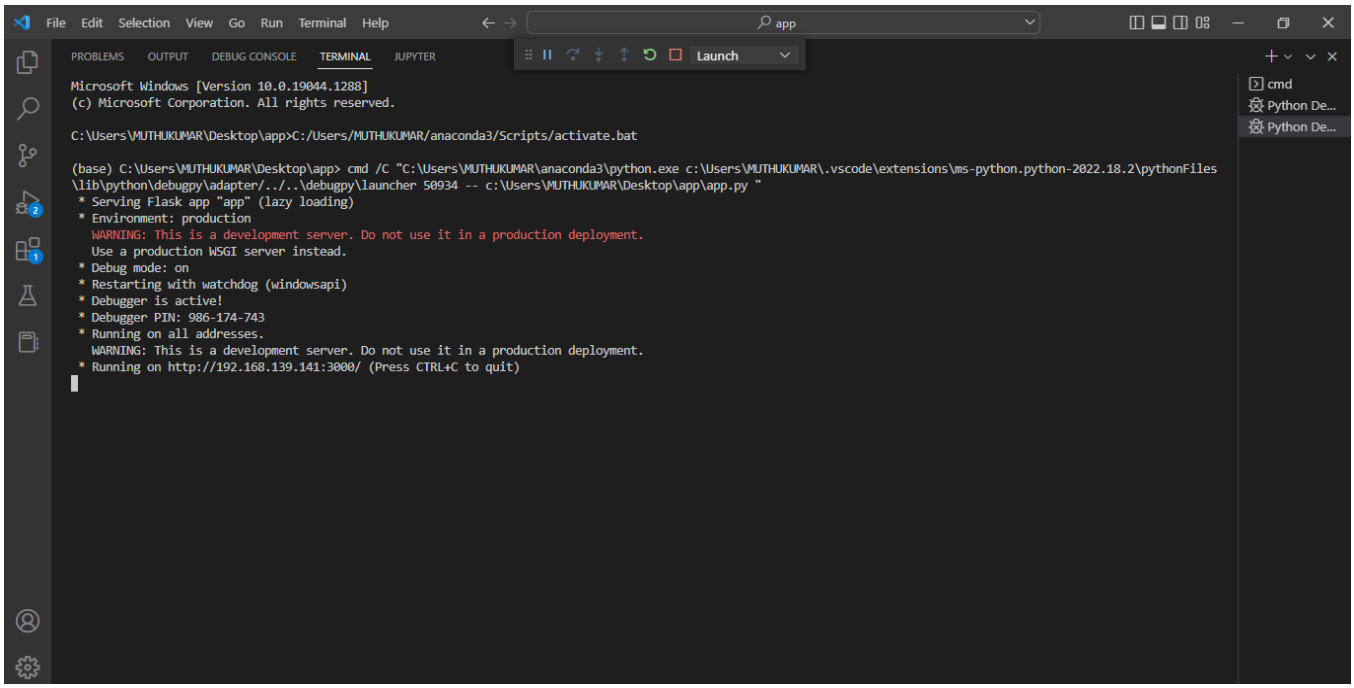
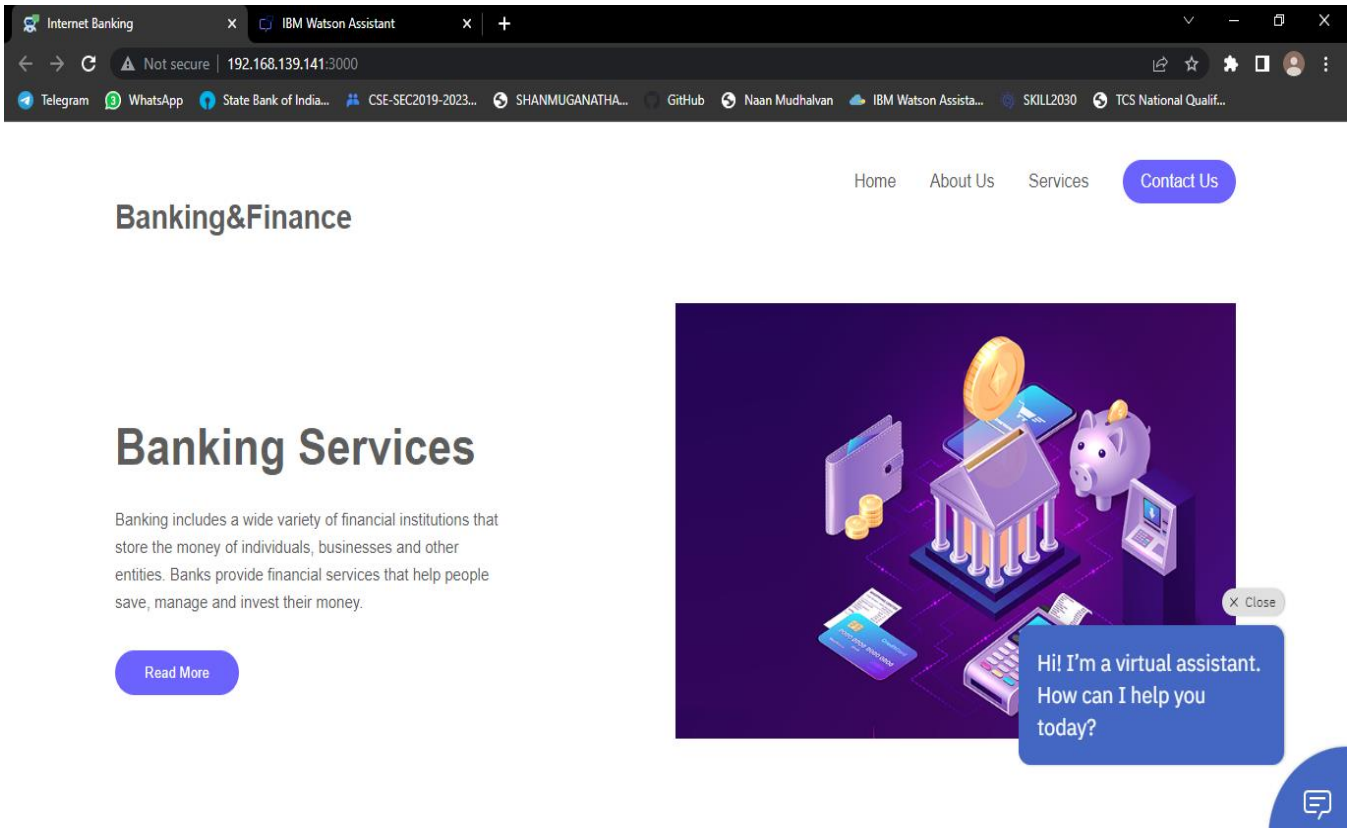
Ln 85, Col 2 Spaces: 4 UTF-8 LF CSS

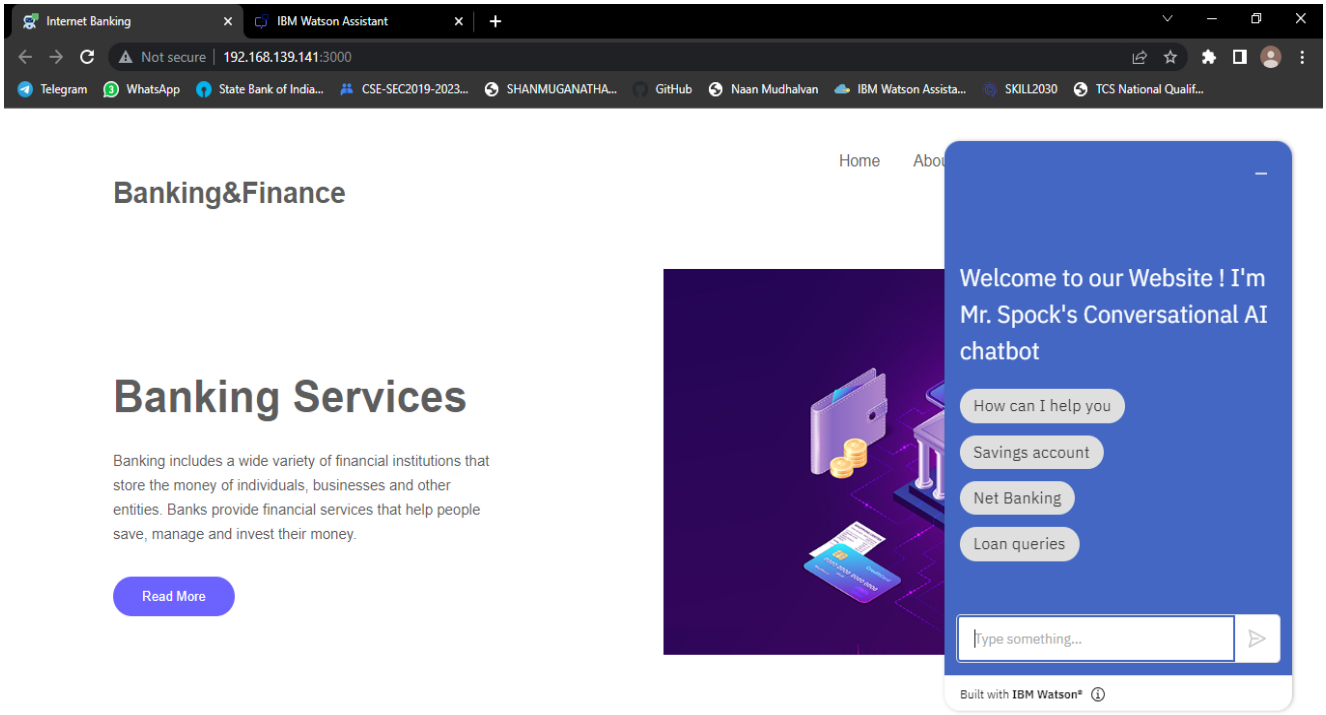
3.Run the Application

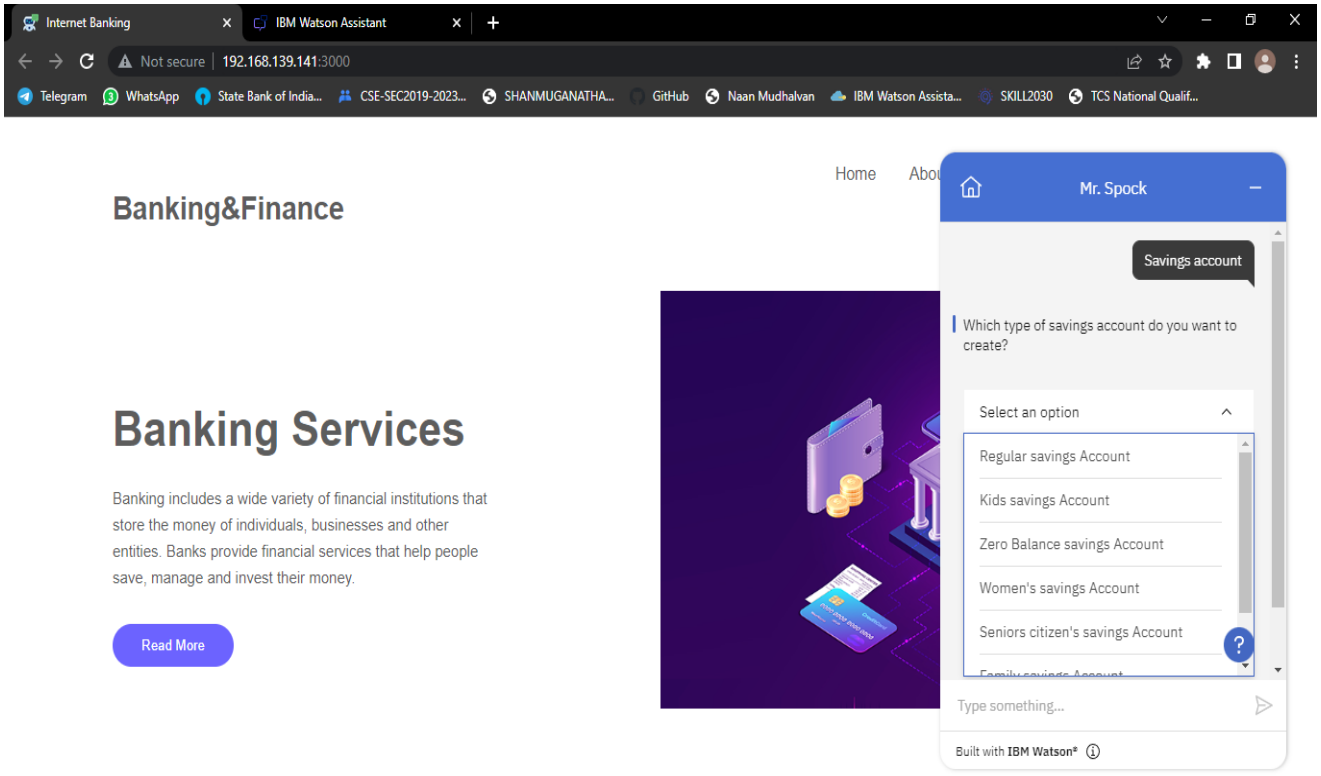
Run the code



Preview:




Internet Banking
IBM Watson Assistant
Not secure | 192.168.139.141:3000
Telegram
WhatsApp
State Bank of India...
CSE-SEC2019-2023...
SHANMUGANATHA...
GitHub
Naan Mudhalvan
IBM Watson Assista...
SKILL2030
TCS National Qualif...
Home
Abou
Banking&Finance
Banking Services
Banking includes a wide variety of financial institutions that store the money of individuals, businesses and other entities. Banks provide financial services that help people save, manage and invest their money.
Read More
Welcome to our Website ! I'm Mr. Spock's Conversational AI chatbot
How can I help you
Savings account
Net Banking
Loan queries
Type something...
Built with IBM Watson®


Internet Banking
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WhatsApp
State Bank of India...
CSE-SEC2019-2023...
SHANMUGANATHA...
GitHub
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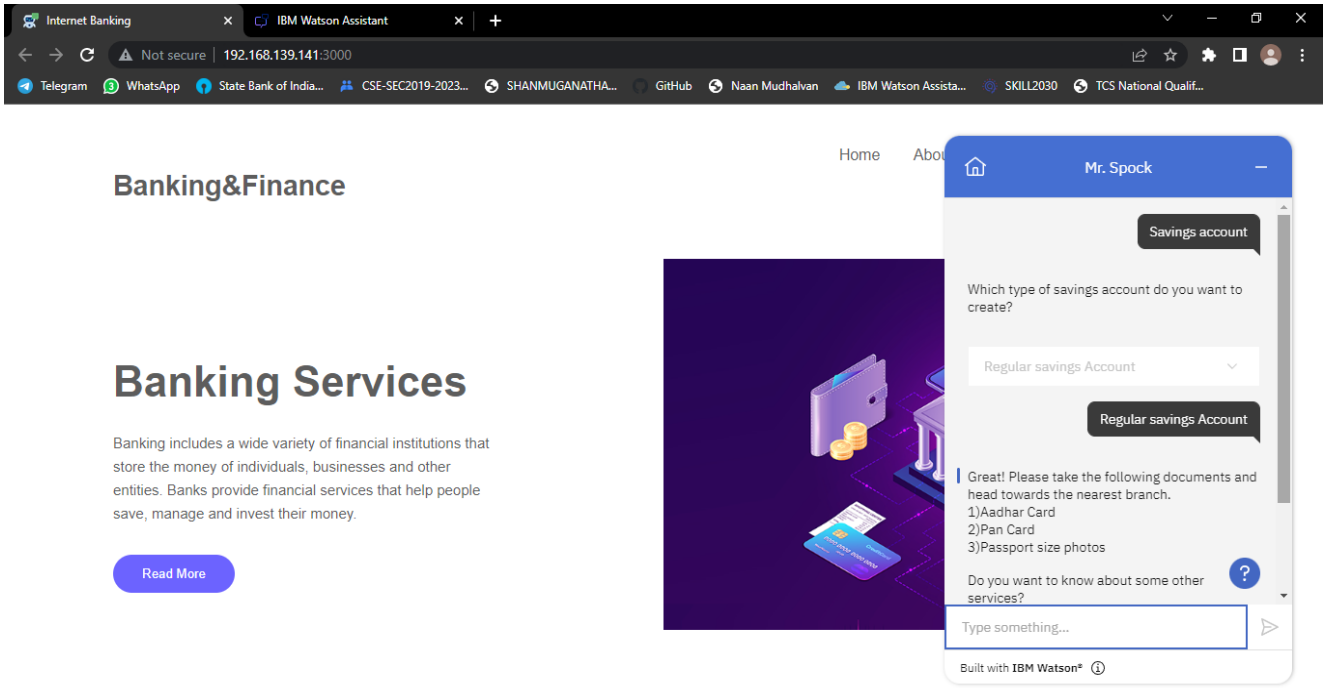
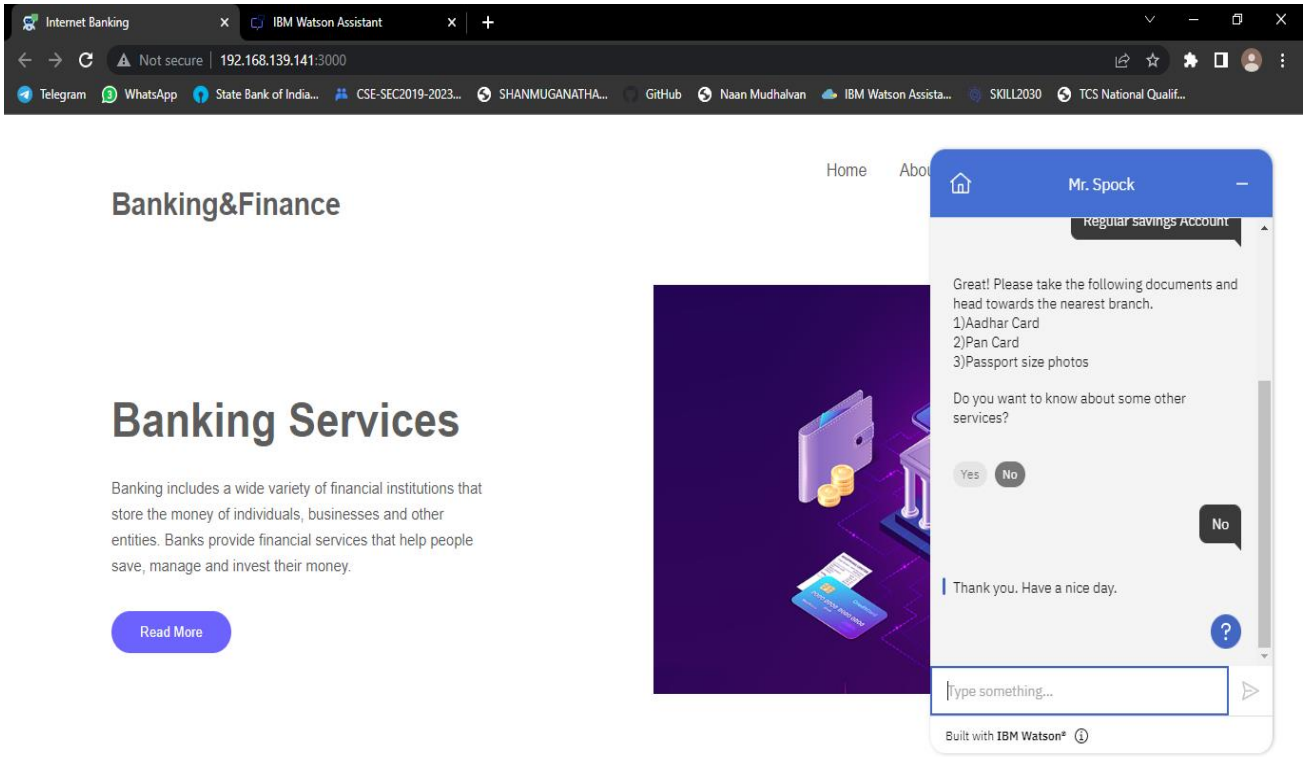
IBM Watson Assista...
SKILL2030
TCS National Qualif...
Home
Abou
Banking&Finance
Banking Services
Banking includes a wide variety of financial institutions that store the money of individuals, businesses and other entities. Banks provide financial services that help people save, manage and invest their money.
Read More
Mr. Spock
Savings account
Which type of savings account do you want to create?
Select an option
Regular savings Account
Kids savings Account
Zero Balance savings Account
Women's savings Account
Seniors citizen's savings Account
Type something...
Built with IBM Watson®





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