Web Technologies CSE 4004
LAB 1

Name: K Charvi

Registration No: 19BCE7002

Submitted To: Prof. Chandra Mohan Dasari

Date: 21.10.2021

Slot: L43 - L44

OUTPUT:

K CHARVI

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Leetcode Profile: Charvi_K

DOB: 02|10|2001

Computer Science BTECH

Third year

Explore elementary but real-life applications of the academic skills gained and aspire to improve analytical decision making. I intend to work with the erudite community, widen the spectrum of my knowledge and add value to the organizational operations.

♟ Education

Qualification	Institution	Grade Points	Year
B tech - CSE	Vellore Institution of Technology, AP	CGPA - 9.63 / 10.0	2019-2023
12th PCMC (CBSE)	Narayana e-techno school, Bangalore	91% in AISSCE exam	2018-2019
10th CBSE	Narayana e-techno school, Bangalore	GP - 10	2017

🖥 Skill Set

Technical Skills

Web Technology

- HTML / CSS / PHP / Javascript

Main Courses:

- DSA | OOP | DBMS | ML | DL

Languages and Tools

- JAVA | Python | SQL | C++ | Keras | Numpy | Pandas | Scikit Learn | Matlab | Arduino | RPi

Problem Solving skills

People Skills

Good Leadership
Effective communication
Attentive Listening
Adaptability

Languages: English, Hindi, French, Telugu and Kannada.

📁 Projects

- CODE FOR GOOD HACKATHON by JP Morgan Chase (Incoming SDE Intern '22)

  Developed a website for tracking volunteers for the NGO | 24 hours challenge
  Team project | React JS | 3 in 1 portal for the organization.

- AUTOMATIC SNAKE DETECTION SYSTEM (Ongoing)

  Guided by Dr. S Karthikeyan | CV Object Detection Applying
  YOLO - Feature Engineering | Employing IOT devices.

- MEDICAL IMAGE ANALYSIS - Brain Tumor Classification (Ongoing)

  Implementing various ML models and Neural Network architecture
  for classifying brain tumors. | Guided by Dr. Deepasikha Mishra.

- IMAGE CAPTIONING BOT

  Flickr 8K Dataset | Extracted Image feature using ResNet 50
  Employing RNN | GloVe word embedding model.

- MONOALPHABETIC ENCRYPTED LOCKING SYSTEM

  GUI and WEB Implementation | Affine Cipher Encryption | DMS Project
  Room locking system | JAVA Swing and Logic.

📖 Publication

- *Attention based Discrimination of Mycoplasma Pneumonia* | *Springer LNCS [ICCIDE - 2021]*
  Tathagat Banerjee, Dr. Karthikeyan, Amandeep Sharma, K Charvi

- *Journey of Letters to Vectors through Neural Networks* | *Springer LNCS [ICDAM-2021]*
  Tathagat Banerjee, Amandeep Sharma, K Charvi, Sruti Raman

🏛 Patent

1. Python Based Motion Sensing Digital Writing Pad

   Idea of an affordable Writing Pad | Filed for Patent through College Incubator
   Dr. Santanu Mandal, K Charvi, Tathagat Banerjee, Amandeep Sharma, Rasmika B
   IP India Application No: 202141026740 A [Publication Date: 25|06|2021]

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Publication

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Patent

1. Python Based Motion Sensing Digital Writing Pad

   Idea of an affordable Writing Pad | Filed for Patent through College Incubator
   Dr. Santanu Mandal, K Charvi, Tathagat Banerjee, Amandeep Sharma, Rasmika B
   IP India Application No: 202141026740 A [Publication Date: 25|06|2021]

Achievements

- Academic Achievement Award 2021
- Program Representative - Computer Science Core Branch at VIT-AP.
- 2nd Rank in IEO conducted by Science Olympiad Foundation (SOF), received cash prize.

Responsibilities

- Vice President of the initiative Mélange Club, VIT AP.
- Communication Incharge Admin Dept. of CSI club, VITAP
- Elected as Head Girl in 10th CBSE Board

Frameset.html

```html
<!DOCTYPE html>
<html>
    <head>
        <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=Montserrat&display=swap"
            rel="stylesheet"
        />
        <title>Frameset Rows</title>
    </head>

    <frameset style="font-family: 'Montserrat', sans-serif" cols="30%, 70%">
        <frame name="top" src="Left.html" scrolling="no" />
        <frame name="middle" src="Right.html" />
        <noframes>
            <body>
                <p>
                    Lorem ipsum dolor sit amet consectetur adipisicing elit. Quasi, minima
culpa!
                    Doloribus consequuntur, cupiditate eius, illo nobis beatae accusamus
fugiat
                    facilis mollitia qui quae enim eaque rem nam, nihil animi quasi
corporis minima
                    et? Incidunt eum rem sed error similique saepe maiores voluptatum
adipisci sunt?
                    Consequuntur ea perspiciatis ratione vero.
                </p>
            </body>
        </noframes>
    </frameset>
</html>
```

Left.html

```html
<!DOCTYPE html>
<html lang="en">
    <head>
        <style>
            img {
                border-radius: 50%;
            }
        </style>
        <link
            rel="stylesheet"
            href="https://pro.fontawesome.com/releases/v5.10.0/css/all.css"
            integrity="sha384-
AYmEC3Yw5cVb3ZcuHtOA93w35dYTsvhLPVnYs9eStHfGJvOvKxVfELGroGkvsg+p"
            crossorigin="anonymous"
        />
        <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=Montserrat&display=swap"
            rel="stylesheet"
        />
        <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>TOP/LEFT of Frameset</title>
    </head>

    <body style="font-family: 'Montserrat', sans-serif" bgcolor="#edebf0">
        <div>
            <center>
                <h1>K CHARVI</h1>
                <hr />
                <div>
                    <img width="200px" height="200" src="avatar.jpg" alt="Avatar" />
                </div>
            </center>
            <pre style="display: flow-root">
            <i class="far fa-envelope"></i> &nbsp Email:<a href="mailto:kcharvi01@gmail.com
">kcharvi01@gmail.com</a><br />
            <i class="fas fa-phone-alt"></i> &nbsp +91-7406380637 <br />
            <i class="fab fa-linkedin"></i> &nbsp linkedin.com/in/k-charvi <br />
            <i class="fab fa-github"></i> &nbsp github.com/kcharvi <br />
            <b><i class="fab fa-hackerrank"></i> &nbsp Hacker Rank Profile: </b>kcharvi01
<br />
            <i class="fas fa-code"></i> &nbsp<b>Leetcode Profile: </b>Charvi_K <br />
                <b> DOB: </b> 02|10|2001 <br />

        </pre>
        </div>
    </body>
</html>
```

Right.html

```html
<!DOCTYPE html>
<html lang="en">
    <head>
        <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=Montserrat&display=swap"
rel="stylesheet">
<link
            rel="stylesheet"
            href="https://pro.fontawesome.com/releases/v5.10.0/css/all.css"
            integrity="sha384-
AYmEC3Yw5cVb3ZcuHtOA93w35dYTsvhLPVnYs9eStHfGJvOvKxVfELGroGkvsg+p"
            crossorigin="anonymous"
        />
        <meta charset="UTF-8" />
        <meta http-equiv="X-UA-Compatible" content="IE=edge" />
        <meta name="viewport" content="width=device-width, initial-scale=1.0" />
        <style>
          .skills {
            display: flex;
            justify-content: space-around;
          }
        </style>
        <title>MIDDLE of Frameset</title>
    </head>

    <body style="font-family: 'Montserrat', sans-serif; padding: 30px;">
        <!-- Introduction -->
        <div class="intro section" id="about">
            <center>
                <div class="container">
                    <h2>Computer Science BTECH </h2>
                    <h4>Third year</h4>
                    <div class="units-row units-split wrap">
                        <p>
                            Explore elementary but real-life applications of the academic
skills
                            gained and aspire to improve analytical decision making. I
intend to
                            work with the erudite community, widen the spectrum of my
knowledge and
                            add value to the organizational operations.
                        </p>
                    </div>
                </div>
            </center>
        </div>

        <!-- Education -->
        <div class="education">
          <h2><i class="fas fa-user-graduate"></i> Education</h2>
          <div style="display: block; padding: 5px; position: relative;">
            <table border="1px" cellpadding="15px" cellspacing="0px">
              <th>Qualification</th>
              <th>Institution</th>
              <th>Grade Points</th>
```

```html
          <th>Year</th>
          <tr>
            <td>
              B tech - CSE
            </td>
            <td>
              Vellore Institution of Technology, AP
            </td>
            <td>
              CGPA - 9.63 / 10.0
            </td>
            <td>
              2019-2023
            </td>
          </tr>

          <tr>
            <td>
              12th PCMC (CBSE)
            </td>
            <td>
              Narayana e-techno school, Bangalore
            </td>
            <td>
              91% in AISSCE exam
            </td>
            <td>
              2018-2019
            </td>
          </tr>

          <tr>
            <td>
              10th CBSE
            </td>
            <td>
              Narayana e-techno school, Bangalore
            </td>
            <td>
              GP - 10
            </td>
            <td>
              2017
            </td>
          </tr>
        </table>
    </div>
</div>
    <!-- Technical Skills -->

    <div class="skills section second" style="padding: 0px;" id="skills">
      <h2><i class="fas fa-laptop"></i> Skill Set</h2>
        <div class="skills">
          <ul>
            <h2>Technical Skills</h2>
                <h4>Web Technology</h4>
                <li>HTML / CSS / PHP / Javascript</li>
                <h4>Main Courses:</h4>
```

```html
                    <li>DSA | OOP | DBMS | ML | DL</li>
                    <h4>Languages and Tools</h4>
                    <li>
                        JAVA | Python | SQL | C++ | Keras | Numpy |<br />
                        Pandas | Scikit Learn | Matlab | Arduino | RPi
                    </li>
                    <br>
                    <b> Problem Solving skills </b>
                </ul>
            </ul>


        <br />
        <div class="skills">
          <ul>
          <h2>People Skills</h2>
            <p>
              <i>
                Good Leadership <br />
                Effective communication <br />
                Attentive Listening <br />
                Adaptability <br />
              </i>
              <br>
              <b>
                Languages: English, Hindi, <br>
                &nbsp &nbsp &nbsp French, Telugu and Kannada.
              </b>
            </p>

          </ul>

      </div>
    </div>
  </div>

  <!-- Projects -->
  <div class="projects">
    <h2><i class="far fa-folder"></i> Projects</h2>
    <ul>
      <li>
      <p>
        <b> CODE FOR GOOD HACKATHON by JP Morgan Chase (Incoming SDE Intern '22)
</b>
        <pre>
        Developed a website for tracking volunteers for the NGO | 24 hours challenge
        Team project | React JS | 3 in 1 portal for the organization.
        </pre>
      </p>
    </li>

    <li>
      <p>
        <b> AUTOMATIC SNAKE DETECTION SYSTEM (Ongoing) </b>
        <pre>
        Guided by Dr. S Karthikeyan | CV Object Detection Applying
        YOLO - Feature Engineering | Employing IOT devices.
      </pre>
```

```html
          </p>
        </li>

        <li>
          <p>
            <b> MEDICAL IMAGE ANALYSIS - Brain Tumor Classification (Ongoing)
</b>
            <pre>
            Implementing various ML models and Neural Network architecture
            for classifying brain tumors. | Guided by Dr. Deepasikha Mishra.
          </pre>
          </p>
        </li>

        <li>
          <p>
            <b> IMAGE CAPTIONING BOT </b>
            <pre>
            Flickr 8K Dataset | Extracted Image feature using ResNet 50
            Employing RNN | GloVe word embedding model.
          </pre>
          </p>
        </li>

        <li>
          <p>
            <b>MONOALPHABETIC ENCRYPTED LOCKING SYSTEM </b>
            <pre>
            GUI and WEB Implementation | Affine Cipher Encryption | DMS Project
            Room locking system | JAVA Swing and Logic.
          </pre>
          </p>
        </li>

        </ul>
        </div>

        <!-- Publication -->
        <div class="publication">
          <h2><i class="fas fa-scroll"></i> Publication</h2>
          <ul>
          <li>
            <i><b> Attention based Discrimination of Mycoplasma Pneumonia </b> &nbsp |
Springer LNCS [ICCIDE - 2021] </i> <br>
                    Tathagat Banerjee, Dr. Karthikeyan, Amandeep Sharma, K Charvi
          </li>
          <br>
          <li>
            <i><b> Journey of Letters to Vectors through Neural Networks</b> &nbsp |
Springer LNCS [ICDAM-2021] </i> <br>
            Tathagat Banerjee, Amandeep Sharma, K Charvi, Sruti Raman
          </li>
          </ul>
        </div>

        <!-- Patent -->
        <div class="patent">
          <h2><i class="fas fa-suitcase"></i> Patent</h2>
```

```html
        <ol type="1">
          <li>
            <b> Python Based Motion Sensing Digital Writing Pad </b>
            <pre>Idea of an affordable Writing Pad | Filed for Patent through College
Incubator
            Dr. Santanu Mandal, K Charvi, Tathagat Banerjee, Amandeep Sharma, Rasmika B
            IP India Application No: 202141026740 A [Publication Date: 25|06|2021]
            </pre>
          </li>
        </ol>
      </div>

            <!-- Achievements -->
            <div class="achievements" style="display: contents;">

              <h2><i class="fas fa-medal"></i> Achievements</h2>
              <div>
              <ul>
                <li>Academic Achievement Award 2021</li>
                <li>Program Representative - Computer Science Core Branch at
VIT-AP. </li>
                  <li>2nd Rank in IEO conducted by Science Olympiad Foundation
(SOF), received cash prize. </li>

                </ul>
              </div>

            <!-- Responsibilities -->

              <h2><i class="fas fa-users"></i> Responsibilities</h2>
              <div>
                <ul>
                <li>
          Vice President of the initiative Mélange Club, VIT AP.

                </li>
                <li>
                  Communication Incharge Admin Dept. of CSI club, VITAP

                </li>
                <li>
                  Elected as Head Girl in 10th
CBSE Board
                </li>
                </ul>
              </div>
              </div>


          </div>


    </body>
</html>
```