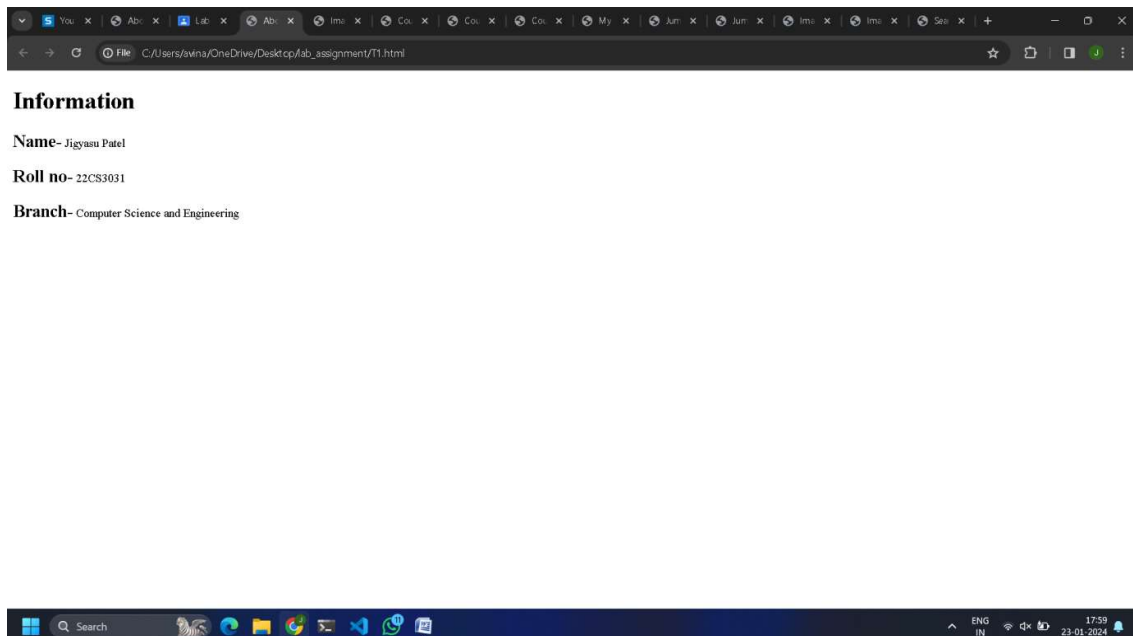


Lab Assignment 2 – Jigyasu Patel – 22CS3031

T1 –

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>About me</title>
  <style>
    h2 {
      display: inline;
      margin: 0;
    }
  </style>
</head>
<body>
  <h1>Information</h1>
  <h3><h2>Name-</h2> Jigyasu Patel</h3>
  <h3><h2>Roll no-</h2> 22CS3031</h3>
  <h3><h2>Branch-</h2> Computer Science and Engineering</h3>
</body>
</html>
```



T2–

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Image Description</title>
</head>

<body>
  <header>
    <h1>Beautiful Sunset</h1>
  </header>

  <section>
    <p>This is the image of Beautiful sunset. This image is found on picjumbo website. You can download this image from there</p>
  </section>
</body>
</html>
```

Beautiful Sunset



This is the image of Beautiful sunset. This image is found on picjumbo website. You can download this image from there



T3 –

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Countries and Language</title>
</head>
<body>
  <section>
```

```
<ol type="I">
  <li>
    <h2>India</h2>
    <ol type="i">
      <li>
        <p>Hindi</p>
      </li>
      <li>
        <p>English</p>
      </li>
    </ol>
  </li>
  <li>
    <h2>Nepal</h2>
    <ol type="i">
      <li>
        <p>Nepali</p>
      </li>
      <li>
        <p>English</p>
      </li>
    </ol>
  </li>
  <li>
    <h2>Bangladesh</h2>
    <ol type="i">
      <li>
        <p>Bangali</p>
      </li>
      <li>
        <p>English</p>
      </li>
    </ol>
  </li>
</ol>
</section>

</body>
</html>
```

- I. India
 - i. Hindi
 - ii. English
- II. Nepal
 - i. Nepali
 - ii. English
- III. Bangladesh
 - i. Bangali
 - ii. English

T4 –

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Countries and Capitals</title>
</head>
<body>
  <table>
    <tr>
      <td>
        <h2>Countries</h2>
        <ul>
          <li>India</li>
          <li>United Kingdom</li>
          <li>Italy</li>
          <li>Japan</li>
          <li>China</li>
        </ul>
      </td>
      <td>
        <h2>Capitals</h2>
        <ol>
          <li>New Delhi</li>
          <li>London</li>
          <li>Rome</li>
          <li>Tokyo</li>
          <li>Beijing</li>
        </ol>
      </td>
    </tr>
  </table>
</body>
</html>
```

Countries	Capitals
<ul style="list-style-type: none">IndiaUnited KingdomItalyJapanChina	<ol style="list-style-type: none">New DelhiLondonRomeTokyoBeijing

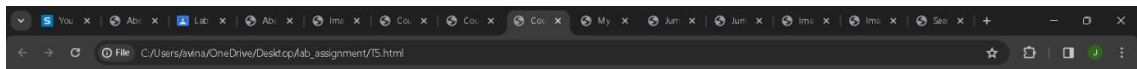
T5 –

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Country Politicians</title>

  <style>
    table {
      border-collapse: collapse;
      width: 50%;
      margin: 0px;
    }

    th, td {
      border: 1px solid black;
      padding: 8px;
      text-align: left;
    }

    th[colspan="2"] {
      text-align: center;
    }
  </style>
</head>
<body>
  <header>
    <h1>Countries and Politician</h1>
  </header>
  <table>
    <tr>
      <th>Country</th>
      <th colspan="2">Politicians</th>
    </tr>
    <tr>
      <td rowspan="2">Turkmenistan</td>
      <td>President</td>
      <td>Gurbanguly Berdimuhamedow</td>
    </tr>
    <tr>
      <td>Vice-President</td>
      <td>Raşit Meredow</td>
    </tr>
    <tr>
      <td rowspan="2">Eritrea</td>
      <td>President</td>
      <td>Isaias Afwerki</td>
    </tr>
    <tr>
      <td>Vice-President</td>
      <td>None</td>
    </tr>
    <!-- Add more rows for additional countries if needed -->
  </table>
</body>
</html>
```



Countries and Politician

Country	Politicians	
Turkmenistan	President	Gurbanguly Berdimuhamedow
	Vice-President	Ragyt Meredow
Eritrea	President	Isaias Afwerki
	Vice-President	None



T6 –

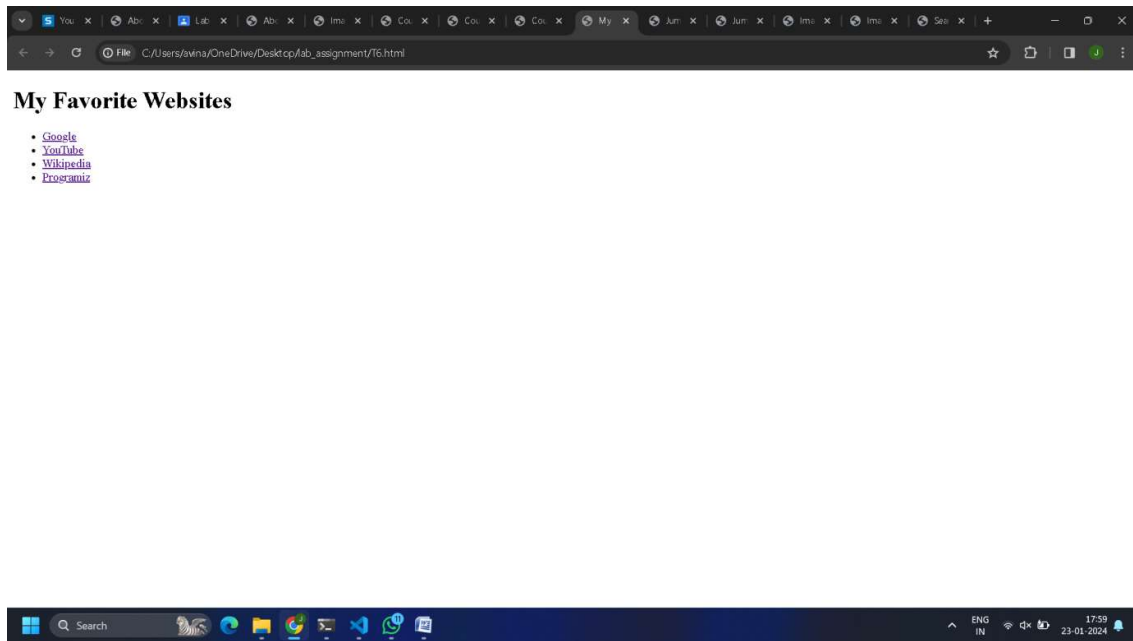
```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>My Favorite Websites</title>
</head>

<body>
  <h1>My Favorite Websites</h1>

  <ul>
    <li><a href="https://www.google.com" target="_blank">Google</a></li>
    <li><a href="https://www.YouTube.com" target="_blank">YouTube</a></li>
    <li><a href="https://wikipedia.com" target="_blank">Wikipedia</a></li>
    <li><a href="https://programiz.com" target="_blank">Programiz</a></li>
  </ul>
</body>

</html>
```



T7 –

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Jump to Top</title>
  <style>
    /* Add some styling for better visibility, this is optional */
    body {
      font-family: Arial, sans-serif;
      margin: 40px;
    }

    #back-to-top {
      display: none;
      position: fixed;
      bottom: 20px;
      right: 20px;
      background-color: #007bff;
      color: #fff;
      padding: 10px;
      border-radius: 5px;
      text-decoration: none;
      cursor: pointer;
    }

    #back-to-top:hover {
      background-color: #0056b3;
    }
  </style>
</head>

<body>
```

```
<header>
  <h1>Advantages and Disadvantages of Artificial Intelligence [AI]</h1>
  <p>
```

Reviewed and fact-checked by Sayantoni Das

With all the hype around Artificial Intelligence - robots, self-driving cars, etc. - it can be easy to assume that AI doesn't impact our everyday lives. In reality, most of us encounter Artificial Intelligence in some way or the other almost every single day. From the moment you wake up to check your smartphone to watching another Netflix recommended movie, AI has quickly made its way into our everyday lives. According to a study by Statista, the global AI market is set to grow up to 54 percent every single year. But what exactly is AI? Will it really serve good to mankind in the future? Well, there are tons of advantages and disadvantages of Artificial Intelligence which we'll discuss in this article. But before we jump into the pros and cons of AI, let us take a quick glance over what is AI.

Master Tools You Need For Becoming an AI Engineer

AI Engineer Master's ProgramEXPLORE PROGRAMMaster Tools You Need For Becoming an AI Engineer

What is Artificial Intelligence?

Before we jump on to the advantages and disadvantages of Artificial Intelligence, let us understand what is AI in the first place. From a birds eye view, AI provides a computer program the ability to think and learn on its own. It is a simulation of human intelligence (hence, artificial) into machines to do things that we would normally rely on humans. There are three main types of AI based on its capabilities - weak AI, strong AI, and super AI.

Weak AI - Focuses on one task and cannot perform beyond its limitations (common in our daily lives)

Strong AI - Can understand and learn any intellectual task that a human being can (researchers are striving to reach strong AI)

Super AI - Surpasses human intelligence and can perform any task better than a human (still a concept)

Here's a quick video to help you understand what artificial intelligence is and understand its advantages and disadvantages.

Advantages and Disadvantages of Artificial Intelligence

An artificial intelligence program is a program that is capable of learning and thinking. It is possible to consider anything to be artificial intelligence if it consists of a program performing a task that we would normally assume a human would perform.

While artificial intelligence has many benefits, there are also drawbacks. The benefits of AI include efficiency through task automation, data analysis for informed decisions, assistance in medical diagnosis, and the advancement of autonomous vehicles. The drawbacks of AI include job displacement, ethical concerns about bias and privacy, security risks from hacking, a lack of human-like creativity and empathy.

Let's begin with the advantages of artificial intelligence.

10 Benefits of Artificial Intelligence

1. Reduction in Human Error

One of the biggest benefits of Artificial Intelligence is that it can significantly reduce errors and increase accuracy and precision. The decisions taken by AI in every step is decided by information previously gathered and a certain set of algorithms. When programmed properly, these errors can be reduced to null.

Example:

An example of the reduction in human error through AI is the use of robotic surgery systems, which can perform complex procedures with precision and accuracy, reducing the risk of human error and improving patient safety in healthcare.

2. Zero Risks

Another big benefit of AI is that humans can overcome many risks by letting AI robots do them for us. Whether it be defusing a bomb, going to space, exploring the deepest parts of oceans, machines with metal bodies are resistant in nature and can survive unfriendly atmospheres. Moreover, they can provide accurate work with greater responsibility and not wear out easily.

Example:

One example of zero risks is a fully automated production line in a manufacturing facility. Robots perform all tasks, eliminating the risk of human error and injury in hazardous environments.

3. 24x7 Availability

There are many studies that show humans are productive only about 3 to 4 hours in a day. Humans also need breaks and time offs to balance their work life and personal life. But AI can work endlessly without breaks.

They think much faster than humans and perform multiple tasks at a time with accurate results. They can even handle tedious repetitive jobs easily with the help of AI algorithms.

Example:

An example of this is online customer support chatbots, which can provide instant assistance to customers anytime, anywhere. Using AI and natural language processing, chatbots can answer common questions, resolve issues, and escalate complex problems to human agents, ensuring seamless customer service around the clock.

Your AI/ML Career is Just Around The Corner!

AI Engineer Master's ProgramEXPLORE PROGRAMYour AI/ML Career is Just Around The Corner!

4. Digital Assistance

Some of the most technologically advanced companies engage with users using digital assistants, which eliminates the need for human personnel. Many websites utilize digital assistants to deliver user-requested content. We can discuss our search with them in conversation. Some chatbots are built in a way that makes it difficult to tell whether we are conversing with a human or a chatbot.

Example:

We all know that businesses have a customer service crew that must address the doubts and concerns of the patrons. Businesses can create a chatbot or voice bot that can answer all of their clients' questions using AI.

Related Reading: Top Digital Marketing Trends

5. New Inventions

In practically every field, AI is the driving force behind numerous innovations that will aid humans in resolving the majority of challenging issues.

For instance, recent advances in AI-based technologies have allowed doctors to detect breast cancer in a woman at an earlier stage.

Example:

Another example of new inventions is self-driving cars, which use a combination of cameras, sensors, and AI algorithms to navigate roads and traffic without human intervention. Self-driving cars have the potential to improve road safety, reduce traffic congestion, and increase accessibility for people with disabilities or limited mobility. They are being developed by various companies, including Tesla, Google, and Uber, and are expected to revolutionize transportation.

6. Unbiased Decisions

Human beings are driven by emotions, whether we like it or not. AI on the other hand, is devoid of emotions and highly practical and rational in its approach. A huge advantage of Artificial Intelligence is that it doesn't have any biased views, which ensures more accurate decision-making.

Example:

An example of this is AI-powered recruitment systems that screen job applicants based on skills and qualifications rather than demographics. This helps eliminate bias in the hiring process, leading to an inclusive and more diverse workforce.

7. Perform Repetitive Jobs

We will be doing a lot of repetitive tasks as part of our daily work, such as checking documents for flaws and mailing thank-you notes, among other things. We may use artificial intelligence to efficiently automate these menial chores and even eliminate "boring" tasks for people, allowing them to focus on being more creative.

Example:

An example of this is using robots in manufacturing assembly lines, which can handle repetitive tasks such as welding, painting, and packaging with high accuracy and speed, reducing costs and improving efficiency.

8. Daily Applications

Today, our everyday lives are entirely dependent on mobile devices and the internet. We utilize a variety of apps, including Google Maps, Alexa, Siri, Cortana on Windows, OK Google, taking selfies, making calls, responding to emails, etc. With the use of various AI-based techniques, we can also anticipate today's weather and the days ahead.

Example:

About 20 years ago, you must have asked someone who had already been there for instructions when you were planning a trip. All you need to do now is ask Google where Bangalore is. The best route between you and Bangalore will be displayed, along with Bangalore's location, on a Google map.

AI in Education

The ability to provide personalized learning experiences. AI-powered systems can analyze vast amounts of data on student performance, preferences, and learning styles to create tailored educational content and adaptive learning paths. This personalization allows students to learn at their own pace, focus on areas where they need more support, and engage with content that is relevant and interesting to them.

Choose the Right Program

Supercharge your career in AI and ML with Simplilearn's comprehensive courses. Gain the skills and knowledge to transform industries and unleash your true potential. Enroll now and unlock limitless possibilities!

Program Name	AI Engineer Post Graduate Program In Artificial Intelligence	Post Graduate Program In Artificial Intelligence
Geo All Geos	All Geos	IN/ROW
University	Simplilearn Purdue	Caltech
Course Duration	11 Months	11 Months
Coding Experience Required	Basic	Basic
Skills You Will Learn	10+ skills including data structure, data manipulation, NumPy, Scikit-Learn, Tableau and more.	16+ skills including chatbots, NLP, Python, Keras and more.
Supervised & Unsupervised Learning		8+ skills including
Deep Learning		
Data Visualization, and more.		
Additional Benefits	- Get access to exclusive Hackathons, Masterclasses and Ask-Me-Anything sessions by IBM - Applied learning via 3 Capstone and 12 Industry-relevant Projects Purdue Alumni Association Membership Free IIMJobs Pro-Membership of 6 months Resume Building Assistance Upto 14 CEU Credits Caltech CTME Circle Membership	
Cost	\$ \$ \$ \$ \$	\$ \$ \$ \$

creativity? While AI can perform specific tasks with remarkable precision, it cannot fully replicate human intelligence and creativity. AI lacks consciousness and emotions, limiting its ability to understand complex human experiences and produce truly creative works.

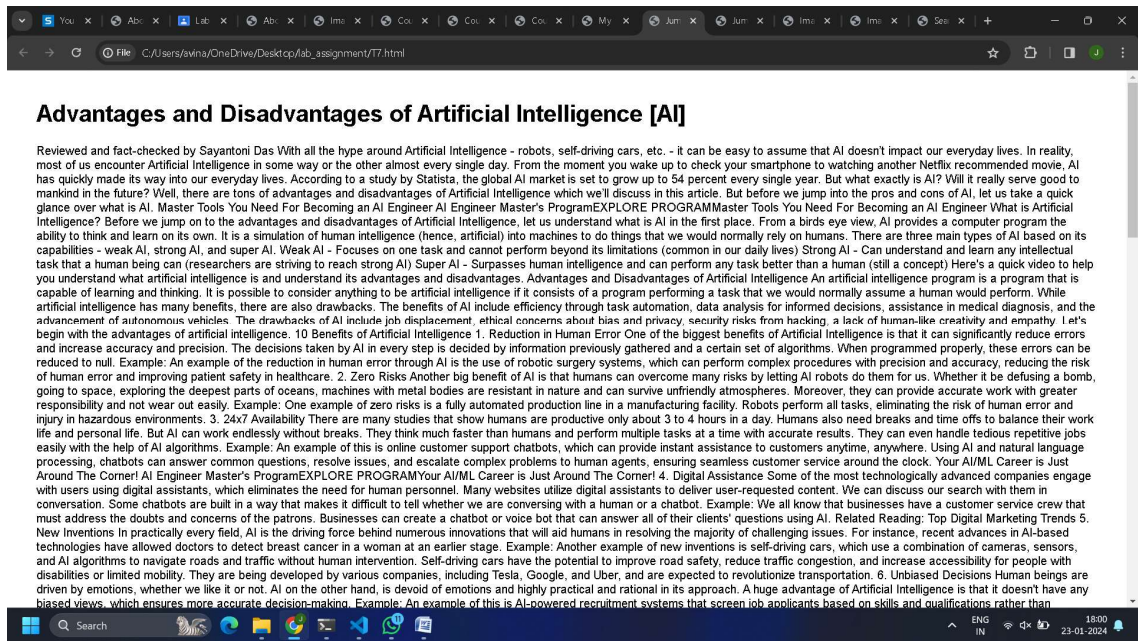
```
</p>
</header>

<a id="back-to-top" href="#">Back to Top</a>

<script>
document.addEventListener("DOMContentLoaded", function () {
    var backToTopButton = document.getElementById("back-to-top");

    window.onscroll = function () {
        if (document.body.scrollTop > 20 || document.documentElement.scrollTop > 20) {
            backToTopButton.style.display = "block";
        } else {
            backToTopButton.style.display = "none";
        }
    };

    backToTopButton.addEventListener("click", function () {
        document.body.scrollTop = 0; // For Safari
        document.documentElement.scrollTop = 0; // For Chrome, Firefox, IE, and Opera
    });
});
</script>
</body>
</html>
```



T8 –

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Jump to Bottom and Back</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      margin: 40px;
    }

    #jump-to-bottom,
    #back-to-top {
      display: block;
      text-align: center;
      margin: 20px 0;
      padding: 10px;
      background-color: #007bff;
      color: #fff;
      text-decoration: none;
      border-radius: 5px;
      cursor: pointer;
    }

    #jump-to-bottom:hover,
    #back-to-top:hover {
      background-color: #0056b3;
    }
  </style>
</head>

<body>
```

```

<a id="jump-to-bottom" href="#bottom">Jump to Bottom</a>

<header>
  <h1>Advantages and Disadvantages of Artificial Intelligence [AI]</h1>
  <p>
    Reviewed and fact-checked by Sayantoni Das
    With all the hype around Artificial Intelligence - robots, self-driving cars, etc. - it can be
    easy to
    assume that AI doesn't impact our everyday lives. In reality, most of us encounter Artificial
    Intelligence
    in some way or the other almost every single day. From the moment you wake up to check your
    smartphone to
    watching another Netflix recommended movie, AI has quickly made its way into our everyday lives.
    According
    to a study by Statista, the global AI market is set to grow up to 54 percent every single year.
    But what
    exactly is AI? Will it really serve good to mankind in the future? Well, there are tons of
    advantages and
    disadvantages of Artificial Intelligence which we'll discuss in this article. But before we jump
    into the
    pros and cons of AI, let us take a quick glance over what is AI.

    Master Tools You Need For Becoming an AI Engineer
    AI Engineer Master's ProgramEXPLORE PROGRAMMaster Tools You Need For Becoming an AI Engineer
    What is Artificial Intelligence?
    Before we jump on to the advantages and disadvantages of Artificial Intelligence, let us
    understand what is
    AI in the first place. From a birds eye view, AI provides a computer program the ability to think
    and learn
    on its own. It is a simulation of human intelligence (hence, artificial) into machines to do
    things that we
    would normally rely on humans. There are three main types of AI based on its capabilities - weak
    AI, strong
    AI, and super AI.

    Weak AI - Focuses on one task and cannot perform beyond its limitations (common in our daily
    lives)
    Strong AI - Can understand and learn any intellectual task that a human being can (researchers
    are striving
    to reach strong AI)
    Super AI - Surpasses human intelligence and can perform any task better than a human (still a
    concept)
    Here's a quick video to help you understand what artificial intelligence is and understand its
    advantages
    and disadvantages.

    Advantages and Disadvantages of Artificial Intelligence
    An artificial intelligence program is a program that is capable of learning and thinking. It is
    possible to
    consider anything to be artificial intelligence if it consists of a program performing a task
    that we would
    normally assume a human would perform.

    While artificial intelligence has many benefits, there are also drawbacks. The benefits of AI
    include
    efficiency through task automation, data analysis for informed decisions, assistance in medical
    diagnosis,
    and the advancement of autonomous vehicles. The drawbacks of AI include job displacement, ethical
    concerns
    about bias and privacy, security risks from hacking, a lack of human-like creativity and empathy.

    Let's begin with the advantages of artificial intelligence.

    10 Benefits of Artificial Intelligence
    1. Reduction in Human Error
  
```

One of the biggest benefits of Artificial Intelligence is that it can significantly reduce errors and increase accuracy and precision. The decisions taken by AI in every step is decided by information previously gathered and a certain set of algorithms. When programmed properly, these errors can be reduced to null.

Example:
An example of the reduction in human error through AI is the use of robotic surgery systems, which can perform complex procedures with precision and accuracy, reducing the risk of human error and improving patient safety in healthcare.

2. Zero Risks

Another big benefit of AI is that humans can overcome many risks by letting AI robots do them for us. Whether it be defusing a bomb, going to space, exploring the deepest parts of oceans, machines with metal bodies are resistant in nature and can survive unfriendly atmospheres. Moreover, they can provide accurate work with greater responsibility and not wear out easily.

Example:
One example of zero risks is a fully automated production line in a manufacturing facility. Robots perform all tasks, eliminating the risk of human error and injury in hazardous environments.

Recommendation systems on streaming platforms, suggesting movies and shows based on viewing history. Financial institutions use fraud detection systems to identify suspicious transactions. AI-powered healthcare diagnostics for disease detection and treatment planning.

5. What are the advantages of AI in education?

Personalized learning: AI has the capability to analyze individual student data, enabling the provision of personalized learning experiences that cater to each student's needs and preferred learning styles. As a result, students can progress at their own pace and receive the necessary assistance for their academic success.

Improved engagement and motivation: AI can create more interactive and engaging learning experiences that can help students stay focused in their learning.

Enhanced assessment and feedback: AI can provide more accurate and timely assessment and feedback to help students track their progress and identify areas where they need additional support.

Increased access to education: AI can help to increase access to education by providing more personalized and affordable learning opportunities.

Improved teacher training: AI can help to improve teacher training by providing teachers with data and insights that can help them better understand their students and their needs.

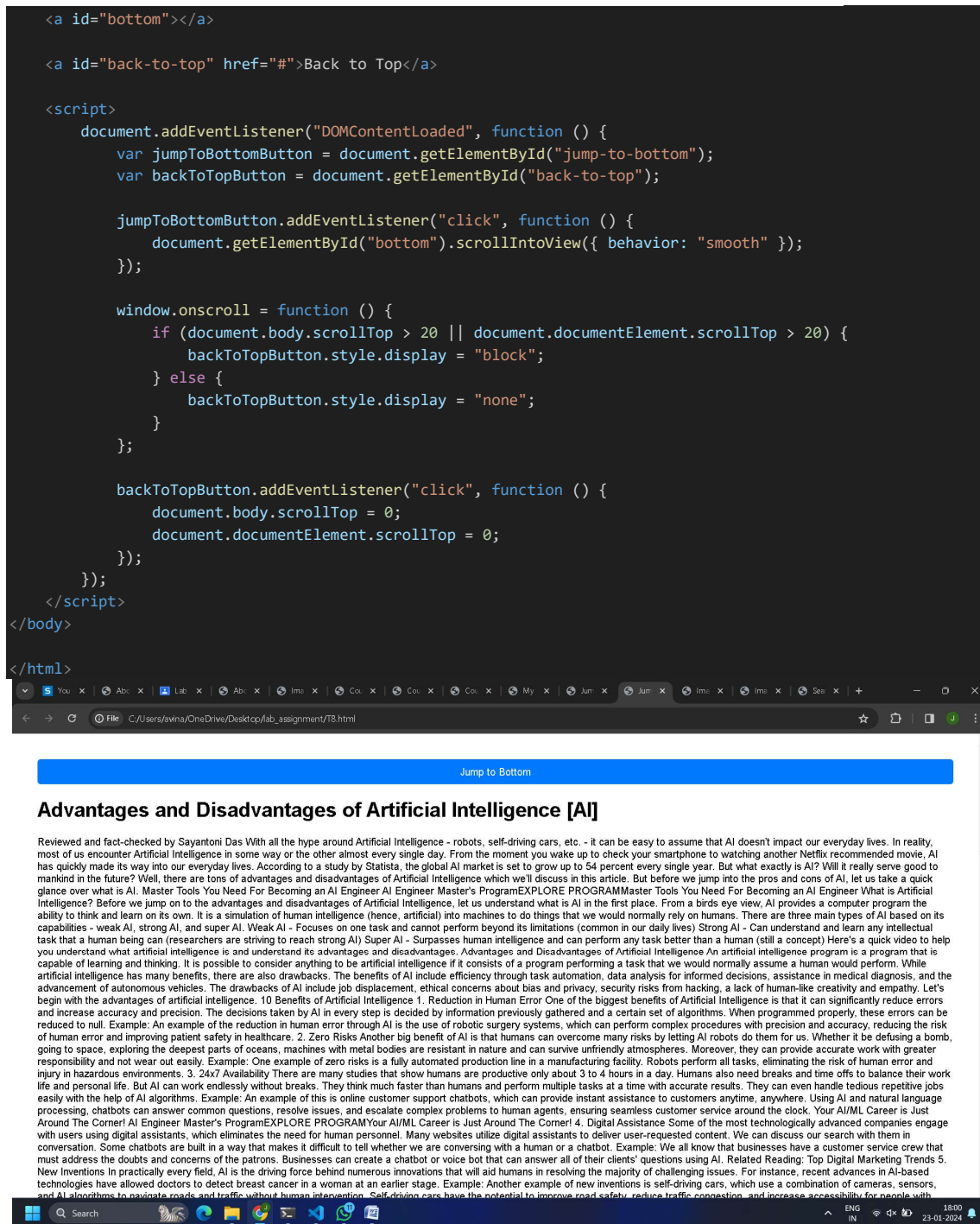
6. How does Artificial Intelligence reduce costs?

AI can reduce costs by automating repetitive tasks, increasing efficiency, and minimizing errors. This leads to improved productivity and resource allocation, ultimately resulting in cost savings.

7. Can AI replace human intelligence and creativity?

While AI can perform specific tasks with remarkable precision, it cannot fully replicate human intelligence and creativity. AI lacks consciousness and emotions, limiting its ability to understand complex human experiences and produce truly creative works.

</p>
</header>



T9 –

```
<!DOCTYPE html>
<html lang="en">

<head>
```

```
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Image with Border</title>
<style>
  img {
    border: 4px solid rgb(23, 159, 227);
    width: 200px;
    height: 200px;
  }
</style>
</head>

<body>
  <h1>Image with Border</h1>

  
</body>

</html>
```

Browser tabs: You, Abc, Lab, Abc, Ime, Col, Col, Col, My, Jun, Jun, Ime, Ime, Sea, +

Address bar: File C:/Users/avina/OneDrive/Desktop/lab_assignment/79.html

Image with Border

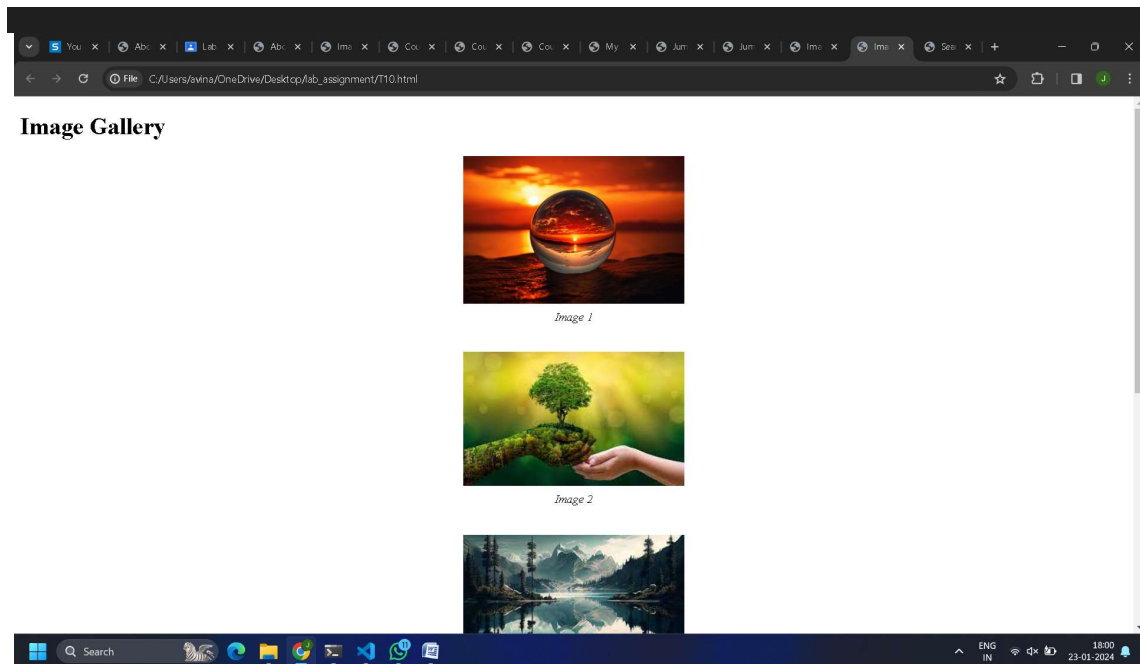


T10 –

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Image Gallery</title>
  <style>
    img {
      width: 300px; /* Adjust the width based on your preference */
      height: auto; /* Maintain aspect ratio */
    }
  </style>
</head>
```

[illegible]



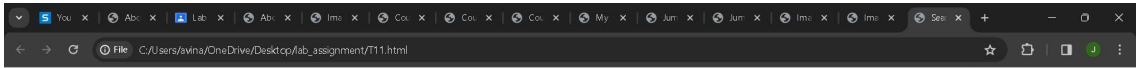
T 11-

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Search Engine Link</title>
</head>

<body>
  <h1>Click the Image to Search</h1>

  <!-- Replace "your-search-engine-link" with the actual link to your preferred search engine -->
  <a href="https://www.google.com" target="_blank">
    
    </a>
  </body>
</html>
```



Click the Image to Search

