Practical 06 (Web Designing - CM2104)

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Q. Applying background properties - Create a webpage with paragraphs, headers and information of your choice. Apply and Practice the following effects on the webpage:

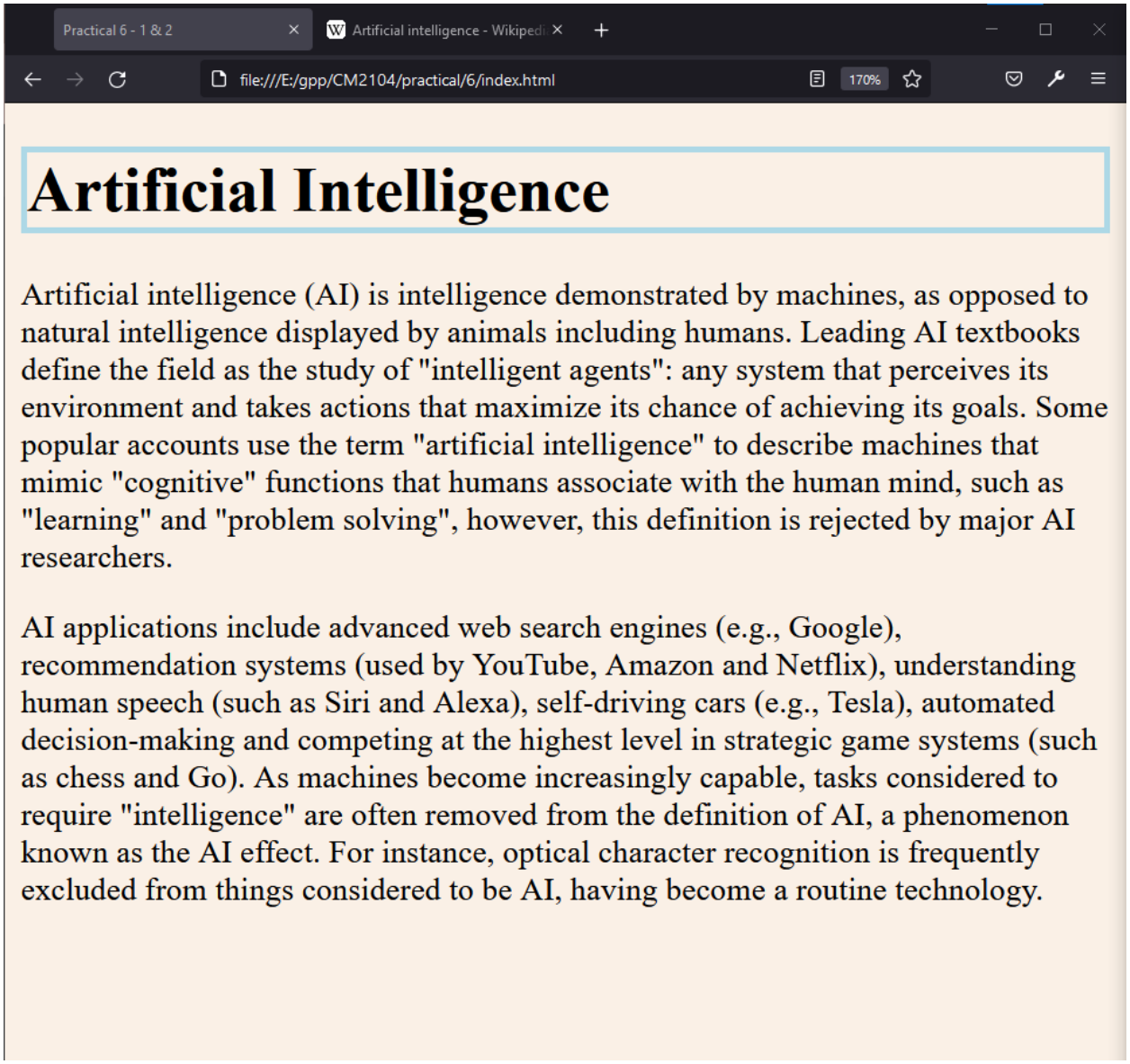
- Set the background color of the page to linen.
- Set border to h1 tag.
- Set background image to a page.
- Set background image to any paragraph.
- Repeat the image vertically only.
- Repeat the image horizontally only.
- Show the background image at the top right position.

- Set the background color of the page to linen
- Set border to h1 tag.

Code:

```
<!doctype html>
<html>
    <head>
        <title>Practical 6 - 1 & 2</title>
        <style>
            body {
              background: linen;
            }
            h1 {
              border: 3px solid lightblue;
            }
        </style>
    </head>
    <body>
        <h1>Artificial Intelligence</h1>
         <p> Artificial intelligence (AI) is intelligence demonstrated by machines, as opposed to natural intelligence displayed by animals including humans. Leading AI textbooks define the field as the study of "intelligent agents": any system that perceives its environment and takes actions that maximize its chance of achieving its goals. Some popular accounts use the term "artificial intelligence" to describe machines that mimic "cognitive" functions that humans associate with the human mind, such as "learning" and "problem solving", however, this definition is rejected by major AI researchers.</p>
         <p> AI applications include advanced web search engines (e.g., Google), recommendation systems (used by YouTube, Amazon and Netflix), understanding human speech (such as Siri and Alexa), self-driving cars (e.g., Tesla), automated decision-making and competing at the highest level in strategic game systems (such as chess and Go). As machines become increasingly capable, tasks considered to require "intelligence" are often removed from the definition of AI, a phenomenon known as the AI effect. For instance, optical character recognition is frequently excluded from things considered to be AI, having become a routine technology.</p>
    </body>
</html>
```

Output:



- Set background image to a page.
- Set background image to any paragraph.

Code:

```
<!doctype html>
<html>
    <head>
        <title>Practical 6 - 3 & 4</title>
        <style>
            body {
```

```
            background: linen url("bb.jpg") fixed center no-repeat;
            background-size: cover;
            color: #eee;
        }
        h1 {border: 3px solid lightblue;}
        p:last-child {
            background: url("sky.jpg") fixed center no-repeat;
            background-size: cover;
            color: #fff;
        }
    </style>
</head>
<body>
    <h1>Artificial Intelligence</h1>
```

Artificial intelligence (AI) is intelligence demonstrated by machines, as opposed to the natural intelligence displayed by animals including humans. Leading AI textbooks define the field as the study of "intelligent agents": any system that perceives its environment and takes actions that maximize its chance of achieving its goals. Some popular accounts use the term "artificial intelligence" to describe machines that mimic "cognitive" functions that humans associate with the human mind, such as "learning" and "problem-solving", however, this definition is rejected by major AI researchers.

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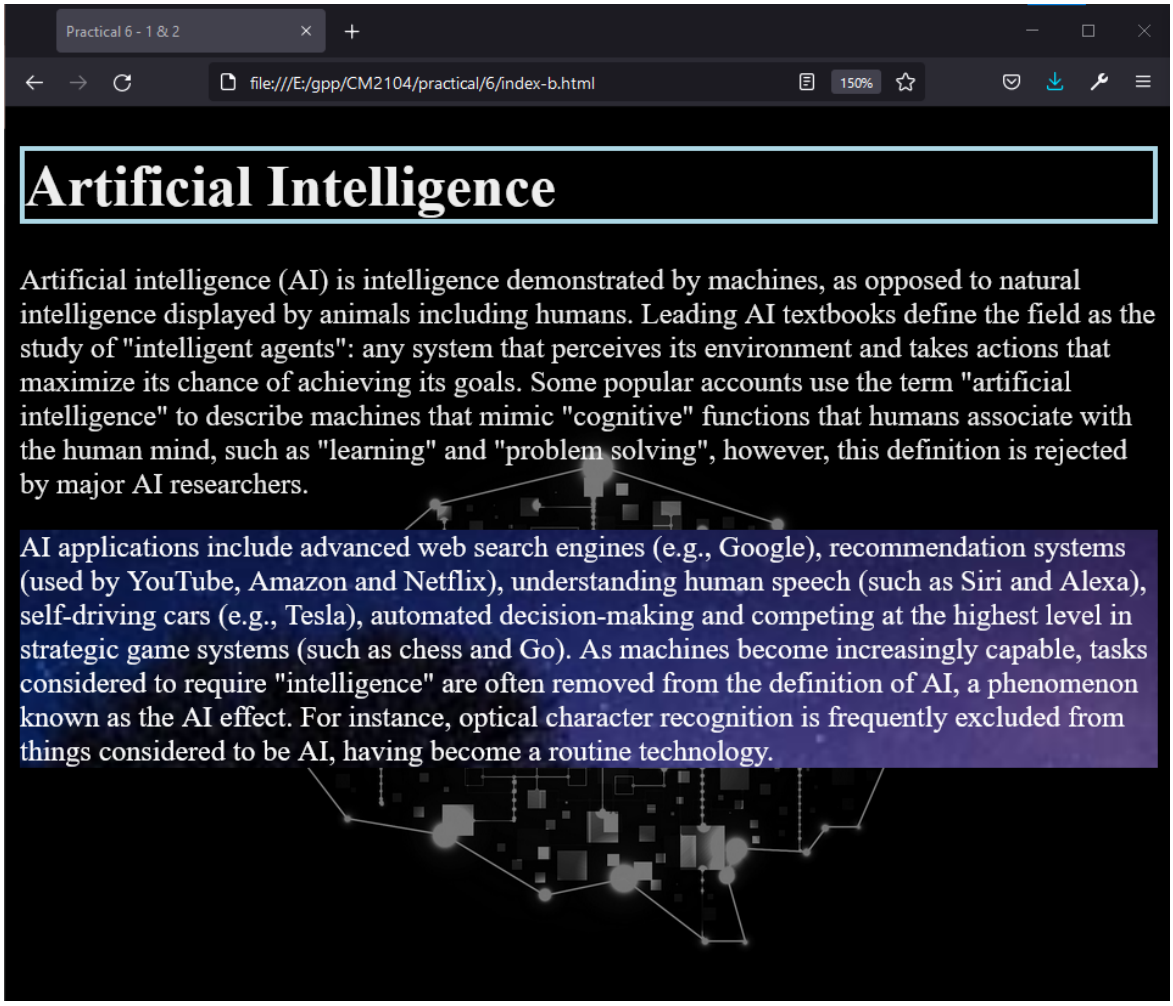
```
    </body>
</html>
```

Output:



- Repeat the image vertically only

code:

```
<!doctype html>
<html>
    <head>
        <title>Practical 6 - 5</title>
        <style>
            body {
              background: linen url('brain.png') repeat-y;
            }
        </style>
    </head>
    <body>
        <h1>Artificial Intelligence</h1>
```

```
        <p>Artificial intelligence (AI) is intelligence demonstrated by machines, as opposed to natural intelligence displayed by animals including humans. Leading AI textbooks define the field as the study of "intelligent agents": any system that perceives its environment and takes actions that maximize its chance of achieving its goals. Some popular accounts use the term "artificial intelligence" to describe machines that mimic "cognitive" functions that humans associate with the human mind, such as "learning" and "problem solving", however, this definition is rejected by major AI researchers.</p>
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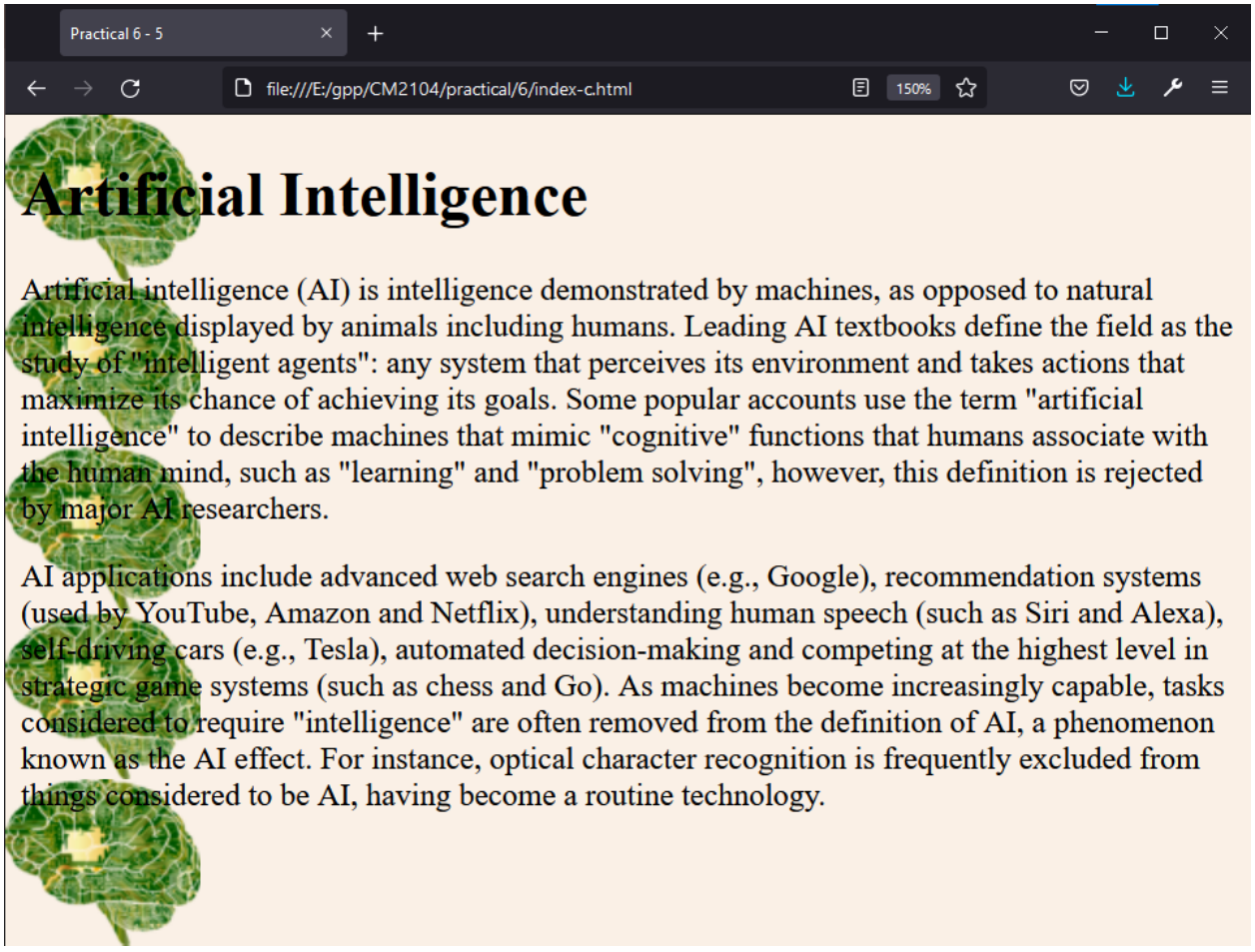
    </body>
</html>
```

Output:



- Repeat the image horizontally only.

Code:

```
<!doctype html>
<html>
    <head>
        <title>Practical 6 - 6</title>
        <style>
            body {
              background: linen url('brain.png') repeat-x;
            }
        </style>
    </head>
    <body>
        <h1>Artificial Intelligence</h1>
            <p>Artificial intelligence (AI) is intelligence demonstrated by machines, as opposed to natural intelligence displayed by animals including humans. Leading AI textbooks define the field as the study of "intelligent agents": any system that perceives its environment and takes actions that maximize its chance of achieving its goals. Some popular accounts use the term "artificial intelligence" to describe machines that mimic "cognitive" functions that humans associate with the human mind, such as "learning" and "problem solving", however, this definition is rejected by major AI researchers.</p>
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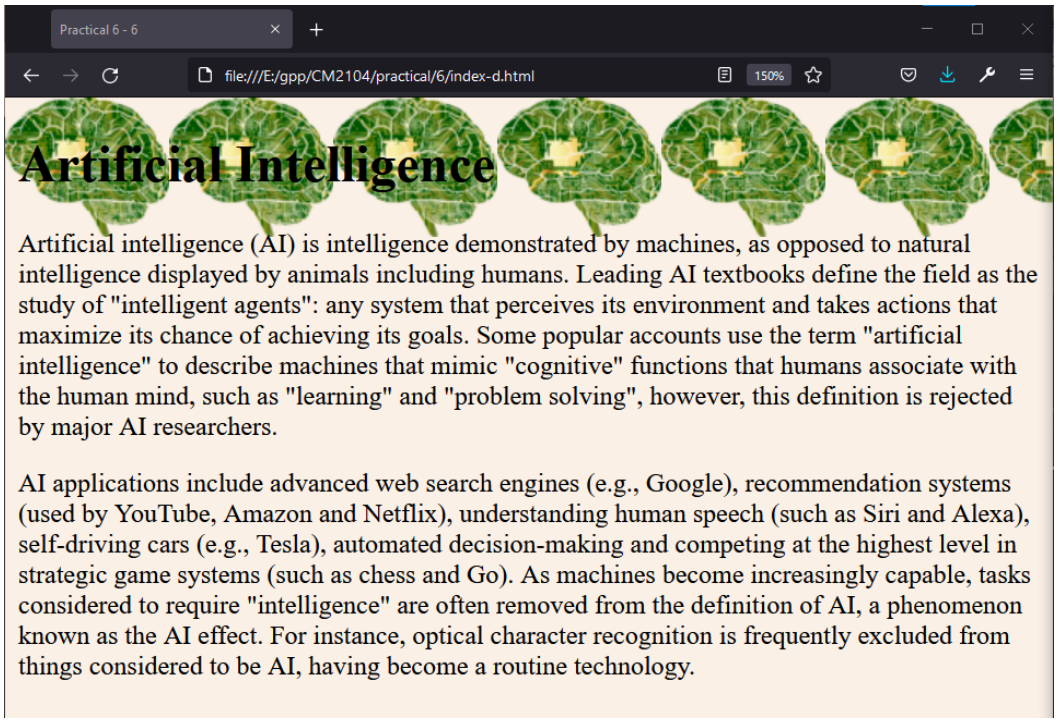
    </body>
</html>
```

Output:



- Show the background image at the top right position.

Code:

```
<!doctype html>
<html>
    <head>
        <title>Practical 6 - 7</title>
        <style>
            body {
                background: linen url('brain.png') no-repeat fixed;
                background-position: top right;
            }
        </style>
    </head>
    <body>
        <h1>Artificial Intelligence</h1>
           <p>Artificial intelligence (AI) is intelligence demonstrated by machines, as opposed to natural intelligence displayed by animals including humans. Leading AI textbooks define the field as the study of "intelligent agents": any system that perceives its environment and takes actions that maximize its chance of achieving its goals. Some popular accounts use the term "artificial intelligence" to describe machines that mimic "cognitive" functions that humans associate with the human mind, such as "learning" and "problem solving", however, this definition is rejected by major AI researchers.</p>
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