Experiment 3

Aim: Design a web page usingCSS which includesthe following:

- Use differentfont styles

- Control the repetition of image with background-repeatand no-repeat property

- Define style forlinks as a: link, a: active, a: hover,a: visited

- Add customized cursors for links.

```
import Link from "next/link"
export default function Home() {
 return (
   <div className="container">
    <header className="header">
     <h1 className="title">CSS Styling Demo</h1>
     <nav className="navigation">
      <Link href="#fonts" className="nav-link font-link">
       Font Styles
      </Link>
      <Link href="#backgrounds" className="nav-link bg-link">
       Backgrounds
      </Link>
      <Link href="#links" className="nav-link link-demo">
       Link Styles
      </Link>
      <Link href="#cursors" className="nav-link cursor-demo">
       Custom Cursors
      </Link>
     </nav>
    </header>

    <section id="fonts" className="section font-section">
     <h2 className="section-title">Different Font Styles</h2>
     <div className="font-examples">
```

```
    <p className="font-example font-serif">This text uses a serif font family.</p>
    <p className="font-example font-sans">This text uses a sans-serif font family.</p>
    <p className="font-example font-mono">This text uses a monospace font.</p>
    <p className="font-example font-cursive">This text uses a cursive font style.</p>
    <p className="font-example font-large">This text has a larger font size.</p>
    <p className="font-example font-bold">This text has a bold font weight.</p>
    <p className="font-example font-italic">This text has an italic font style.</p>
  </div>
</section>
<section id="backgrounds" className="section bg-section">
  <h2 className="section-title">Background Image Repetition</h2>
  <div className="bg-examples">
   <div className="bg-example bg-repeat">
     <p>background-repeat: repeat (default)</p>
   </div>
   <div className="bg-example bg-repeat-x">
     <p>background-repeat: repeat-x</p>
   </div>
   <div className="bg-example bg-repeat-y">
     <p>background-repeat: repeat-y</p>
   </div>
   <div className="bg-example bg-no-repeat">
     <p>background-repeat: no-repeat</p>
   </div>
  </div>
</section>

<section id="links" className="section link-section">
  <h2 className="section-title">Link Styles</h2>
  <div className="link-examples">
   <p>The following links demonstrate different states:</p>
   <div className="link-container">
     <Link href="#" className="demo-link">
```

```
        Unvisited Link
      </Link>
      <span className="description">(a:link)</span>
    </div>
    <div className="link-container">
      <Link href="https://www.example.com" className="demo-link">
        Visited Link
      </Link>
      <span className="description">(a:visited)</span>
    </div>
    <div className="link-container">
      <Link href="#" className="demo-link hover-demo">
        Hover over me
      </Link>
      <span className="description">(a:hover)</span>
    </div>
    <div className="link-container">
      <Link href="#" className="demo-link active-demo">
        Click and hold me
      </Link>
      <span className="description">(a:active)</span>
    </div>
  </div>
</section>

<section id="cursors" className="section cursor-section">
  <h2 className="section-title">Custom Cursors for Links</h2>
  <div className="cursor-examples">
    <Link href="#" className="cursor-link cursor-pointer">
      Pointer Cursor
    </Link>
    <Link href="#" className="cursor-link cursor-help">
      Help Cursor
```

```
      </Link>
      <Link href="#" className="cursor-link cursor-wait">
        Wait Cursor
      </Link>
      <Link href="#" className="cursor-link cursor-text">
        Text Cursor
      </Link>
      <Link href="#" className="cursor-link cursor-not-allowed">
        Not-Allowed Cursor
      </Link>
      <Link href="#" className="cursor-link cursor-grab">
        Grab Cursor
      </Link>
      <Link href="#" className="cursor-link cursor-zoom-in">
        Zoom-In Cursor
      </Link>
    </div>
  </section>

  <footer className="footer">
    <p>CSS Demo Page - Created to demonstrate various CSS styling techniques</p>
    <div className="footer-links">
      <Link href="#" className="footer-link">
        Home
      </Link>
      <Link href="#" className="footer-link">
        About
      </Link>
      <Link href="#" className="footer-link">
        Contact
      </Link>
    </div>
  </footer>
```

```
    </div>
  )
}
```