

EXP:3

Write a Servlet program that prints; Hello, World! when accessed through a browser.

AIM:

The aim is to build a web page that presents "Hello, World!" inside a modern, animated box, centrally aligned on the screen using HTML and CSS.

ALGORITHM:

1. Start
2. Open NetBeans and create a new web project.
3. In the Web Pages folder, create or edit the index.html file.
4. Add an HTML structure with a element to display "Hello, World!" inside a box.
5. Apply CSS styles to:
 - Center the box on the screen using flexbox.
 - Add a gradient background for a modern look.
 - Style the box with rounded corners, shadow effects, and hover interactions.
 - Implement a glowing effect when the box is hovered.
 - Include an entry animation for a dynamic visual appearance.
6. Save the file.
7. Run the project in NetBeans.
8. Open a browser and visit the hosted page.
9. Confirm that "Hello, World!" appears inside the animated and styled box with all applied effects.
10. End

CODE:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Hello World</title>
  <style>
    /* Full-page styling with dark neon theme */
    body {
      display: flex;
      justify-content: center;
      align-items: center;
      height: 100vh;
      margin: 0;
      background: linear-gradient(120deg, #1b1b1b, #121212); /* Dark background */
      font-family: 'Poppins', sans-serif;
    }
```

```

    /* Glowing Box */
    .box {
        background: transparent;      padding:
    50px;      border-radius: 15px;      text-align:
    center;      font-size: 40px;      font-weight:
    bold;      color: #00ffcc; /* Neon cyan text */
    border: 4px solid rgba(0, 255, 204, 0.8);      text-
    shadow: 0 0 15px rgba(0, 255, 204, 1);      box-
    shadow: 0 0 20px rgba(0, 255, 204, 0.5);
    animation: glowEffect 1.5s infinite alternate;
        transition: transform 0.3s ease-in-out;
    }

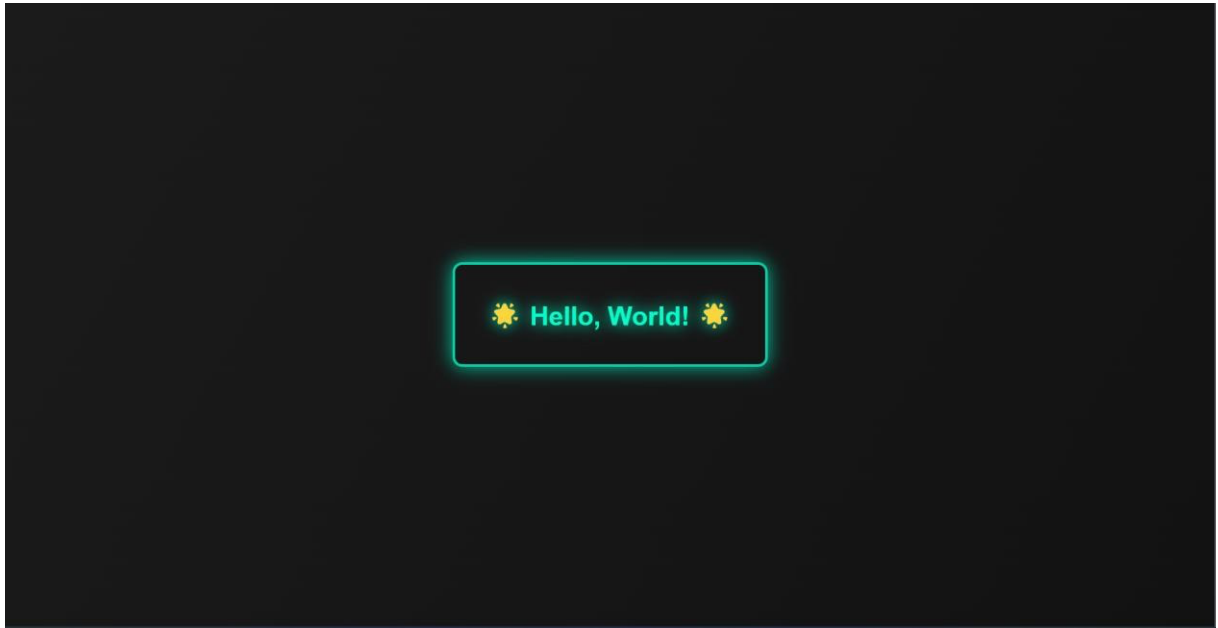
    /* Hover Effect */      .box:hover {
    transform: scale(1.1);      box-shadow: 0 0
    30px rgba(0, 255, 204, 1);      text-shadow: 0 0
    25px rgba(0, 255, 204, 1);
    }

    /* Glowing Animation */
    @keyframes glowEffect {
        0% {
            text-shadow: 0 0 10px rgba(0, 255, 204, 0.8);
            box-shadow: 0 0 15px rgba(0, 255, 204, 0.5);
        }
        100% {
            text-shadow: 0 0 25px rgba(0, 255, 204, 1);
            box-shadow: 0 0 30px rgba(0, 255, 204, 0.8);
        }
    }

</style>
</head>
<body>
    <div class="box">🌟 Hello, World! 🌟 </div>
</body>
</html>

```

OUTPUT :



RESULT :

Thus the give task is executed successfully.