

EXP:3

Date:

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;
    }
  </style>
</head>
<body>
  <div>Hello, World!</div>
</body>
</html>
```

```

/* 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;
}

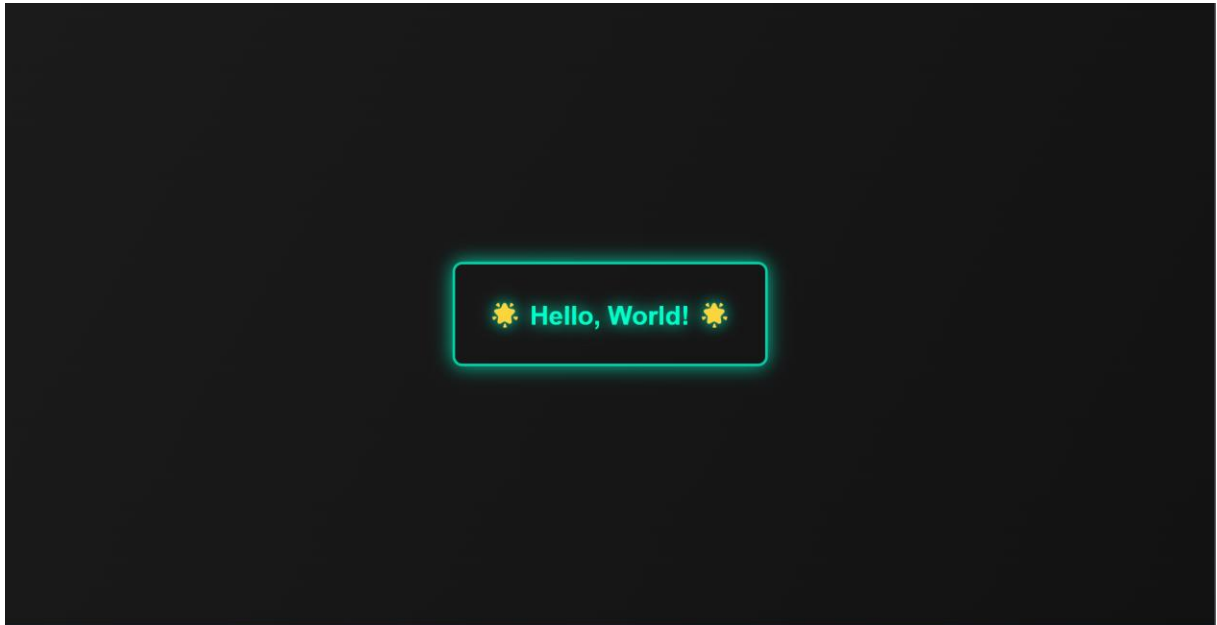
/* Hover Effect */
.box:hover {
    transform: scale(1.1);
    box-shadow: 0 0 30px rgba(0, 255, 204, 1);
    text-shadow: 0 0 25px rgba(0, 255, 204, 1);
}

/* 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.