EXPERIMENTS 3: Write a Servlet program that prints; Hello, World! when accessed through a browser.

AIM: To create a web page that displays "Hello, World!" inside a modern, animated, and stylish box centered on the screen using HTML & 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 containing a `<div>` element to display "Hello, World!".
5. Apply CSS styles to:
   - Center the box on the page using `flexbox`.
   - Add a background gradient for an aesthetic appeal.
   - Style the box with rounded corners, shadow, and hover effects.
   - Implement a glowing effect when hovered.
   - Include an entry animation to enhance the visual appeal.
6. Save the file.
7. Run the project in NetBeans.
8. Open a browser and visit the hosted page.
9. Verify that "Hello, World!" appears inside the 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 */
     body {
        display: flex;
        justify-content: center;
        align-items: center;
        height: 100vh;
        background: linear-gradient(120deg, #84fab0, #8fd3f4);
        margin: 0;
        font-family: 'Poppins', sans-serif;
     }

     /* Stylish box */
     .box {
        background: white;
        padding: 40px 60px;
        border-radius: 20px;
        box-shadow: 0px 15px 25px rgba(0, 0, 0, 0.3);
        text-align: center;
        font-size: 30px;
        font-weight: bold;
```
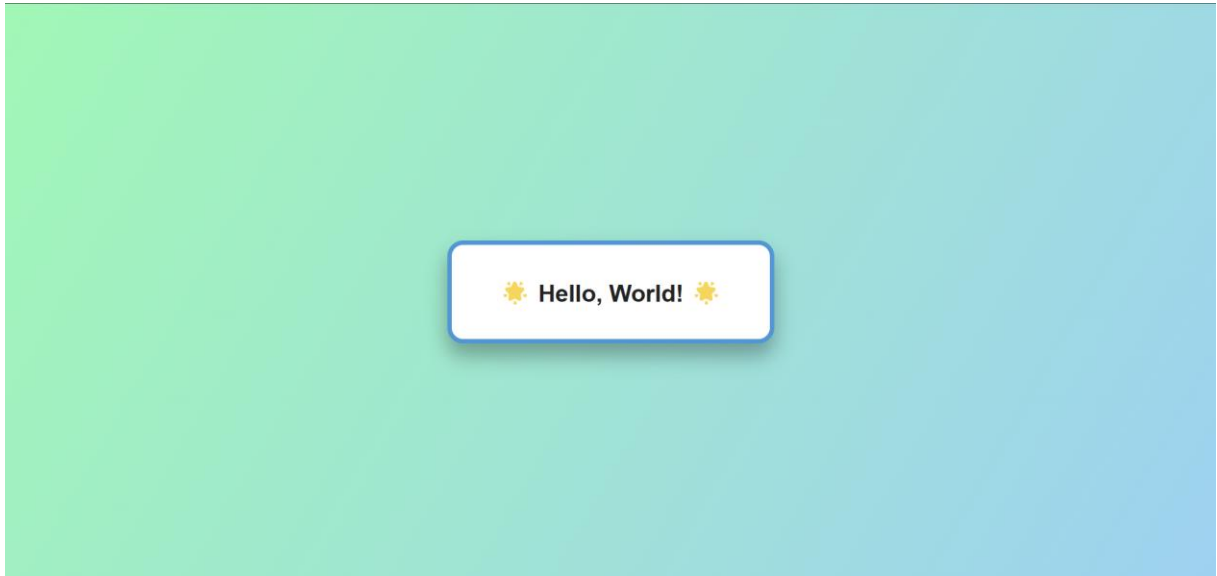
```
        color: #222;
        border: 6px solid #3498db;
        animation: popUp 1.5s ease-in-out;
      }

      /* Hover Effect */
      .box:hover {
        box-shadow: 0px 0px 25px rgba(52, 152, 219, 0.9);
        transition: 0.3s;
      }

      /* Entry Animation */
      @keyframes popUp {
        from {
          opacity: 0;
          transform: scale(0.8);
        }
        to {
          opacity: 1;
          transform: scale(1);
        }
      }
    </style>
</head>
<body>
    <div class="box">🌟 Hello, World! 🌟 </div>
</body>
</html>
```

OUTPUT :

RESULT :

Thus the give task is executed successfully.