ALA - 2 Creative Animation Challenge

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Sunset (North to East) Animation</title>
  <style>
    body {
      margin: 0;
      overflow: hidden;
      background: #87CEEB;
      transition: background 2s ease-in-out;
    }
    .sky {
      position: absolute;
      width: 100%;
      height: 60%;
      transition: background 3s ease-in-out;
    }
    .sea {
      position: absolute;
      bottom: 0;
      width: 100%;
      height: 40%;
      background: #1E90FF;
      transition: background 3s ease-in-out;
    }
```

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```css
.sun, .moon {
    width: 80px;
    height: 80px;
    border-radius: 50%;
    position: absolute;
    transition: top 5s ease-in-out, left 5s ease-in-out, opacity 2s;
}
.sun {
    background: yellow;
    box-shadow: 0 0 30px rgba(255, 255, 0, 0.8);
    top: 10%;
    left: 45%;
}
.moon {
    background: white;
    box-shadow: 0 0 20px rgba(255, 255, 255, 0.8);
    top: 100%;
    left: 90%;
    opacity: 0;
}
.stars {
    position: absolute;
    top: 0;
    width: 100%;
    height: 60%;
    background: transparent;
    transition: background 3s ease-in-out;
    display: none;
}
```

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```
    .star {

      position: absolute;

      width: 3px;

      height: 3px;

      background: white;

      border-radius: 50%;

    }

  </style>

</head>

<body>


  <div class="sky" id="sky"></div>

  <div class="sea" id="sea"></div>

  <div class="sun" id="sun"></div>

  <div class="moon" id="moon"></div>

  <div class="stars" id="stars"></div>


  <script>

    const sun = document.getElementById("sun");

    const moon = document.getElementById("moon");

    const sky = document.getElementById("sky");

    const sea = document.getElementById("sea");

    const stars = document.getElementById("stars");


    function sunset() {

      sun.style.top = "80%";  // Sun moves down

      sun.style.left = "100%"; // Moves east

      moon.style.top = "40%";  // Moon rises

      moon.style.left = "50%";
```

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```
        moon.style.opacity = "1";

        sky.style.background = "#1E3A5F"; // Sky turns dark

        sea.style.background = "#0B3D91"; // Sea turns dark

        setTimeout(() => {

            stars.style.display = "block"; // Stars appear

            stars.style.background = "radial-gradient(circle, rgba(255,255,255,0.8) 1%,
rgba(0,0,0,0) 60%)";

        }, 2000);

    }


    // Create stars
    for (let i = 0; i < 50; i++) {

        let star = document.createElement("div");

        star.className = "star";

        star.style.left = Math.random() * 100 + "%";

        star.style.top = Math.random() * 100 + "%";

        stars.appendChild(star);

    }


    setTimeout(sunset, 2000);
  </script>


</body>
</html>
```

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