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LAB:-4

Code:-

Index:

```html
<!DOCTYPE html>
<html lang="en" >
<head>
  <meta charset="UTF-8">
  <title>i</title>
  <link rel="stylesheet" href="./style.css">


</head>
<body>
<div class="pattern1">
  <div>
</body>
</html>
```

Style:-

```css
body,
html {
  height: 100%;
  display: grid;
}

body {
  background: #fff;
  animation: invert 4s cubic-bezier(0.25, 0.125, 0.25, 0.85) infinite -0.65s;
  margin: 0px;
  padding: 0px;
}
body:before {
  content: "";
  position: absolute;
  width: 100%;
  height: 100%;
```

```css
    top: 0;
    left: 0;
    background: blue;
    z-index: 10;
    mix-blend-mode: lighten;
}

.pattern1 {
    position: relative;
    width: 60px;
    height: 224px;
    margin: auto;
}
.pattern1:before, .pattern1:after {
    content: "";
    box-shadow: 0 0 0 2px #000;
    position: absolute;
    background-image: url("data:image/svg+xml, %3Csvg width='24' height='24')
    background-position: 0 calc(50% + 12px), 12px 50%;
}
@keyframes bgShift {
    to {
        background-position: 24px calc(50% + 36px), 36px calc(50% + 24px);
    }
}
.pattern1:before {
    width: 75px;
    height: 75px;
    border-radius: 100%;
    bottom: 100%;
    left: calc(50% - 37.5px);
    animation: bgShift 5s linear infinite, bounce 1s cubic-bezier(0.85, 0.25,
0.25, 0.85) infinite, invert 4s cubic-bezier(0.25, 0.125, 0.25, 0.85) infinite
-0.65s;
    transform: translateY(0) scaleY(0.85) scaleX(1.15);
    transform-origin: bottom;
}
@keyframes bounce {
    50% {
        transform: translateY(-112.5px) scaleY(1.05) scaleX(1);
    }
}
@keyframes invert {
    12.49% {
        filter: invert(0);
    }
    12.5% {
        filter: invert(1);
```

```
  }
  62.49% {
    filter: invert(1);
  }
  62.5% {
    filter: invert(0);
  }
}
.pattern1:after {
  content: "";
  position: absolute;
  width: 100%;
  height: 100%;
  left: 0;
  top: 0;
  box-shadow: inset 0 0 0 2px #fff, 0 0 0 2px #000;
  -webkit-mask: radial-gradient(ellipse at top, transparent 50px, #000 50px)
50% calc(0% - 20px)/600px 180px no-repeat, radial-gradient(ellipse at bottom,
transparent 50px, #000 50px) 50% calc(100% + 20px)/600px 180px no-repeat;
  -webkit-mask-position: 50% calc(0% - 50px), 50% calc(100% + 50px);
  animation: bgShift 5s linear infinite, turn 4s cubic-bezier(0.25, 0.125,
0.25, 1.15) infinite -0.05s, bend 4s ease-in-out infinite;
}
@keyframes bend {
  0% {
    -webkit-mask-position: 50% calc(0% - 20px), 50% calc(100% + 50px);
  }
  12.5% {
    -webkit-mask-position: 50% calc(0% - 50px), 50% calc(100% + 50px);
  }
  25% {
    -webkit-mask-position: 50% calc(0% - 20px), 50% calc(100% + 50px);
  }
  37.5% {
    -webkit-mask-position: 50% calc(0% - 50px), 50% calc(100% + 50px);
  }
  50% {
    -webkit-mask-position: 50% calc(0% - 50px), 50% calc(100% + 20px);
  }
  62.5% {
    -webkit-mask-position: 50% calc(0% - 50px), 50% calc(100% + 50px);
  }
  75% {
    -webkit-mask-position: 50% calc(0% - 50px), 50% calc(100% + 20px);
  }
  87.5% {
    -webkit-mask-position: 50% calc(0% - 50px), 50% calc(100% + 50px);
  }
```

```
    100% {
        -webkit-mask-position: 50% calc(0% - 20px), 50% calc(100% + 50px);
    }
}
@keyframes turn {
    33% {
        transform: rotate(0deg);
    }
    50% {
        transform: rotate(-180deg);
    }
    82% {
        transform: rotate(-180deg);
    }
    100% {
        transform: rotate(-360deg);
    }
}
```

Output:-