**Unit 7 Lab – Advanced CSS**

Gradients, Transforms, Transition, Animations

- CSS architecture and BEM methodology

- CSS Preprocessors and SASS

**Exercise 1**

1. Create a new folder called “Unit 7” containing a folder called “exercise-1-text-linear-gradient-animation
2. Add the following html code to the html file

<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <title>Unit 7 - exercise 1 text colour animation</title>

  <link rel="stylesheet" href="css/styles.css">

</head>

<body>

  <div class="container">

    <div class="row">

      <div class="col-md-12 text-center">

        <h3 class="animate-character"> EKOSH</h3>

      </div>

    </div>

  </div>

</body>

</html>

1. Add the following CSS to the CSS file

.animate-character {

  text-transform: uppercase;

  background-image: linear-gradient(

    -225deg,

    #231557 0%,

    #44107a 29%,

    #ff1361 67%,

    #fff800 100%

  );

  background-size: auto auto;

  background-clip: border-box;

  background-size: 200% auto;

  color: #fff;

  background-clip: text;

  text-fill-color: transparent;

  -webkit-background-clip: text;

  -webkit-text-fill-color: transparent;

  animation: textclip 2s linear infinite;

  display: inline-block;

  font-size: 190px;

}

@keyframes textclip {

  to {

    background-position: 200% center;

  }

}

1. Investigate the effect of changing the following:
   1. Text colour
   2. Colours used in the linear gradient
   3. Speed and interation-count
2. Add the following background image: https://images.pexels.com/photos/388415/pexels-photo-388415.jpeg?auto=compress&cs=tinysrgb&w=1260&h=750&dpr=1