Module-8 Animation in CSS

1. Explain CSS3 Animations?

   CSS animation lets an element gradually change from one style to another without using JavaScipt/jQuery. It lets move elements around the screen, makes them spin around, change color, size, shape, and much more. To use CSS animation, you need to write animations using keyframes which basically holds what styles the element will have at certain times.

   Example - Here, the rectangle background color changes from Red to Green

   ```
   /* The animation code */
   @keyframes animate {
     from {background-color: red;}
     to {background-color: green;}
   }

   /* The element to apply the animation to */
   div {
     width: 100px;
     height: 50px;
     background-color: red;
     animation-name: animate;
     animation-duration: 3s;
   }
   ```

2. Which property is use to make particular section rotate for certain degrees?

   Answer:

   The 'transform' property is used to make particular section rotate for certain degrees.

   For example: 'transform' as 'rotate(45 deg)', this will make your section looks like a diagonal one.

   The transform property is used to apply a 2D or 3D transformation to an element.

   This property allows you to rotate, scale, move and skew the elements.