

Institute of Computer Technology

B. Tech Computer Science and Engineering

Sub: Internet Programming (2CSE101)

Practical 11 : To study the CSS Advanced Properties like Rounded Corners, Border Images, Background, Gradient, Shadows, @font-face rule, Transforms, Transitions, Animations & Tool Tips. Apply CSS through External File for each exercise.

Exercises:

1. Design a page of HTML with one set of `<h1>` & `<p>` tags. H1 and P tag must contain details about Bill Gates who was an CEO of Microsoft some years ago. Apply CSS code with following requirements :
 - Set `<h1>` by name and `<p>` by its details. Also set any text color to `<p>` and `<h1>` but both must not have same color.
 - Set background color to blue to both `<h1>` & `<p>`.
 - Make `<h1>` to be rounded from corners.
 - Rotate `<h1>` on hover by 90 degree and `<p>` by 180 degree in duration 3 seconds.
 - Use “ease-in” as timing function while transition.
 - Download any Google Font and apply to `<p>` tag using font-face rule.
2. Design a page of HTML with one `<div>` tag and one `<p>` tag inside it. This `<p>` must contain details about your IP Subject Faculty i.e. what you think about them and how they teach. Apply CSS code with following requirements :
 - Set background color to blue of `<div>` tag and text color to white of `<p>`.
 - Apply shadow of gray color to `<div>` tag.
 - Download any Google Font and apply to `<p>` tag using font-face rule.
 - On hover of `<div>`, rotate it by 135 degree around its Z-axis.
 - Set padding to `<div>` by value 10px to left and right side and 5px to top and bottom.
 - Apply rounded corners by value 20px to `<div>` tag.

3. Design an HTML page with one set of `<h1>` & `<p>` tags. H1 must contain “IP” as name and P tag should contain details about ICT College of Ganpat University. Apply CSS code with following requirements :
 - Create a tool-tip on hover to `<h1>` tag and display “Internet Programming”.
 - Take 2 background images and apply to `<body>` i.e one image to be displayed on full page and one image of any tree to fixed on top right corner without repetition.
 - Set padding 20px and margin 10px to `<div>`
 - Apply box-shadow to `<div>` tag of any appropriate color.
 - On hover to `<div>` tag, move that tag by 30px from left and 50px from top smoothly by taking duration of 5s.
4. Create an animation for changing any 10 colors in background of `<div>` tag having width 300px and height 300px with default color blue positioned in center of page for duration 50 seconds.
5. Consider a web page where you put an image of size 500px X 500px in center. Now create an animation such that after interval of every 3 seconds image gets changed automatically. Take 5 images that will repeat itself after every one round for infinite times.