**Practical: 3**

**Aim: Study all CSS properties and prepare a CSS reference sheet in the following format:**

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| **Property Name** | **Value** | **Description** |

**Background:**

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| **Property Name** | **Value** | **Description** |
| Background-color | Any Color | These property specifies the background color of an element. |
| Background-Image | url(“nameofimage.png”) | Sets the background image for an element. |
| Background-Repeat | repeat-x(horizontal),repeat-y(vertical) and no-repeat | Sets how a background image will be repeated. |
| Background-Position | Right top, right bottom, left top, left bottom | Sets the starting position of a background image. |
| Background-Attachment | fixed or scroll. | Sets whether a background image is fixed or scrolls with the rest of the page. |

**Border & Outline:**

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| **Property Name** | **Value** | **Description** |
| Border-Style | Dotted, dashed, solid, double, groove, ridge, Inset ,outset ,none ,hidden. | The property specifies what kind of border to be displayed. |
| Border-Width | Px, pt, cm, em, thin, medium or thick. | The property specifies the width of the four borders. |
| Border-Color | Color name, HEX value, RGB value. | The property is used to set the color of the four borders. |
| Border-Sides | Dotted, dashed, solid, double, groove, ridge, Inset ,outset ,none ,hidden. | The property used to specifies different borders to different sides of the table. |
| Border-Radius | Px, pt, cm, etc. | The property is used to add rounded borders to the an element. |

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| **Property Name** | **Value** | **Description** |
| Outline-Width | Px, pt, cm, em, etc. | The property specifies the width of the outline. |
| Outline-Color | Color name, HEX value, RGB value. | The property used to set the color of the outline. |
| Outline-offset | Px, pt, cm, em, etc. | The property adds space between an outline and the edge/border of an element. The space between an element and its outline is transparent. |
| Outline-Style | Dotted, dashed, solid, double, groove, ridge, Inset ,outset ,none ,hidden. | The property specifies what kind of outline to be displayed. |

**Margins:**

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| **Property Name** | **Value** | **Description** |
| Margin | Px, pt, cm, em, %, auto etc. | It is used to create space around elements, outside of any defined borders. |
| Margin-Collapse | Px, pt, cm, em, %, auto etc. | Top and bottom margins of elements are sometimes collapsed into a single margin that is equal to the largest of the two margins. |

**Padding:**

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| **Property Name** | **Value** | **Description** |
| Padding | Px, pt, cm, em, %, inherit. | The property used to generate space around an elements content, inside of any defined borders. |

**Text:**

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| **Property Name** | **Value** | **Description** |
| Text-Color | Color name, HEX value, RGB value. | The property is used to set the color of the text. |
| Text-aling | Left, right, centered or justified. | The property is used to set the horizontal alignment of a text. |
| Text-Decoration | Underlined, color name, px, style. | Sets all the text-decoration properties in one declaration. |
| Text-Transform | Uppercase, Lowercase, Capitalize. | The property is used to specify uppercase and lowercase letters in a text. |
| Letter-Spacing | Px,-px,etc. | The property is used to specify the space between the characters in a text. |
| Text-Shadow | Px px. | The Property adds shadow to text. |

**Font:**

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| **Property Name** | **Value** | **Description** |
| Font-family | Font name | The property used to specify the font of a text. |
| Font-style | Normal, italic, oblique | The property is mostly used to specify italic text. |
| Font-size | Px, pt, cm, em, etc. | The property sets the size of the text. |

**Links:**

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| **Property Name** | **Value** | **Description** |
| Link | Color name, Font name. | Links can be styled with any CSS property. |
| Text-decoration | None, underline. | These property is used to remove underlines from links. |
| Background-color | Color name | The property can be used to specify a background color for links. |

**Table:**

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| --- | --- | --- |
| **Property Name** | **Value** | **Description** |
| Table-border | Px, pt, cm, em, etc. | The property to specify table border. |
| Table-size | Px,% | The width and height of a table are defined by the width and height properties. |
| Table-alignment | Left, right, center, bottom,up. | The property used to align the text in a table. |
| Table Responsive | Overflow-x:auto | A responsive table will display a horizontal scroll bar if the screen is too small to display the full content. |

**Display:**

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| **Property Name** | **Value** | **Description** |
| Display-Block | Block | A block-level element always starts on a new line and takes up the full width available. |
| Display-Inline | Inline | An inline element does not start on a new line and only takes up as much width as necessary. |