

1. why CSS selectors are used in HTML?

Ans: key reason for using CSS selectors in HTML are

i) To style specific elements

```
<p class = "text" > Hello, world! </p>
```

```
<style>
```

```
  .text {
```

```
    colour: blue;
```

```
    font-size: 20px;
```

```
  }
```

```
</style>
```

ii) To avoid inline styling.

```
<p style = " colour: red; font-weight: bold;" > Hello </p>
```

iii) To apply styles to multiple elements at once.

```
<h1> heading </h1>
```

```
<p> Paragraph </p>
```

```
<style>
```

```
  h1, p {
```

```
    colour: green;
```

```
    font-family: Arial, sans-serif;
```

```
  }
```

```
</style>
```

iv) To select elements Based on attributes, states and structure

```
<input type = "text">
```

```
<input type = "password">
```


<style>

```
input [ type = "text" ] {  
    background-color: yellow;  
}
```

</style>

Q2

what are the different type of selectors?

1) Universal Selector (*)

Element selector

Class Selector (.)

ID Selector (#)

Attribute Selector [attr]

Pseudo-class selector (:hover)

Pseudo-Element selector (::before)

Q3:-

How do you include external fonts and apply them?

A:-

Using @import in CSS

Instead of adding a <link> in HTML, you can import fonts inside CSS.

(i) Example (style.css file)

```
@import url ('https://fonts.googleapis.com/css2?family=Roboto:wght@300;700&display=swap');
```

```
body {
```

```
    font-family: 'Roboto', sans-serif;
```

```
}
```