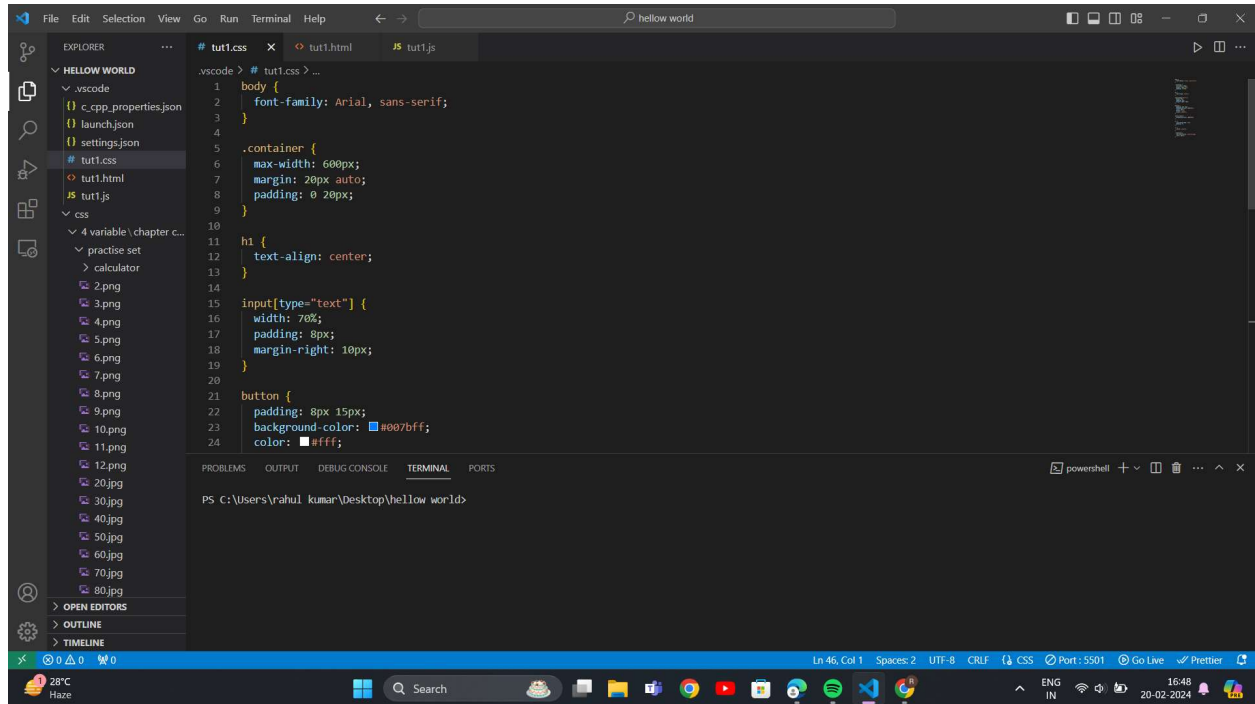


T1. Develop a single page application for Shopping List. First develop a simple prototype using html and javascript. Gradually develop a MVC based prototype.



The screenshot shows the Visual Studio Code editor with a project named 'helloworld'. The Explorer sidebar on the left shows the file structure: .vscode, tut1.css, tut1.html, tut1.js, and a 'css' folder. The main editor window displays the content of 'tut1.css'. The code defines a 'body' with a serif font, a 'container' with a max-width of 600px and padding, an 'h1' centered, an 'input' with a width of 70% and padding, and a 'button' with a padding of 8px 15px, a background color of #007bff, and a color of #fff. The terminal at the bottom shows the command prompt 'PS C:\Users\raahul kumar\Desktop\helloworld>'.

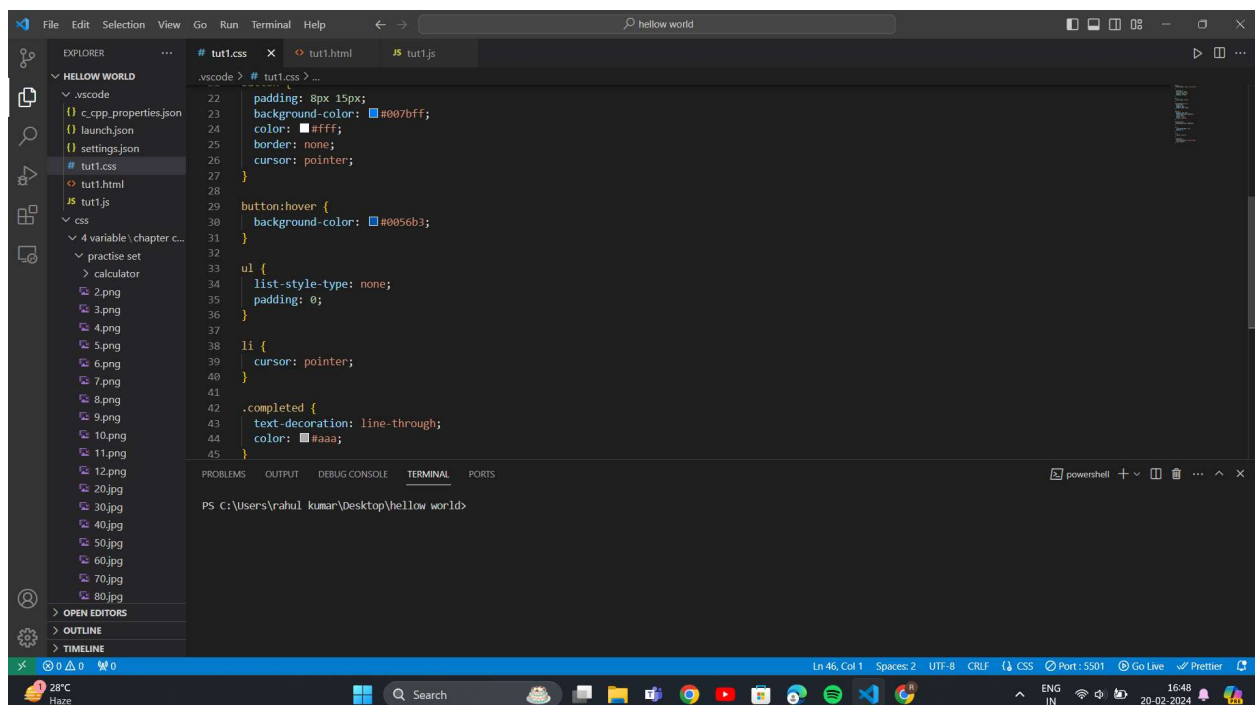
```
body {
  font-family: Arial, sans-serif;
}

.container {
  max-width: 600px;
  margin: 20px auto;
  padding: 0 20px;
}

h1 {
  text-align: center;
}

input[type="text"] {
  width: 70%;
  padding: 8px;
  margin-right: 10px;
}

button {
  padding: 8px 15px;
  background-color: #007bff;
  color: #fff;
}
```



The screenshot shows the Visual Studio Code editor with the same project. The main editor window displays the updated content of 'tut1.css'. The code continues from the previous state, adding a 'border: none;' and 'cursor: pointer;' to the button. It then defines a 'button:hover' rule with a background color of #0056b3. Next, it defines a 'ul' with 'list-style-type: none;' and 'padding: 0;'. It also defines a 'li' with 'cursor: pointer;'. Finally, it defines a '.completed' class with 'text-decoration: line-through;' and 'color: #aaa;'. The terminal at the bottom shows the command prompt 'PS C:\Users\raahul kumar\Desktop\helloworld>'.

```
padding: 8px 15px;
background-color: #007bff;
color: #fff;
border: none;
cursor: pointer;
}

button:hover {
  background-color: #0056b3;
}

ul {
  list-style-type: none;
  padding: 0;
}

li {
  cursor: pointer;
}

.completed {
  text-decoration: line-through;
  color: #aaa;
}
```

