

Implementing text editor using HTML, CSS, JavaScript



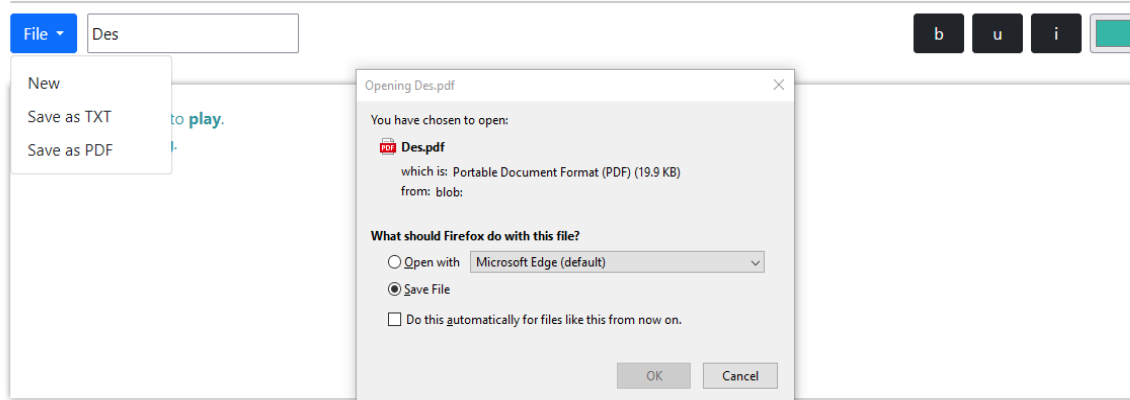
1 Text Editing

Doc Editor



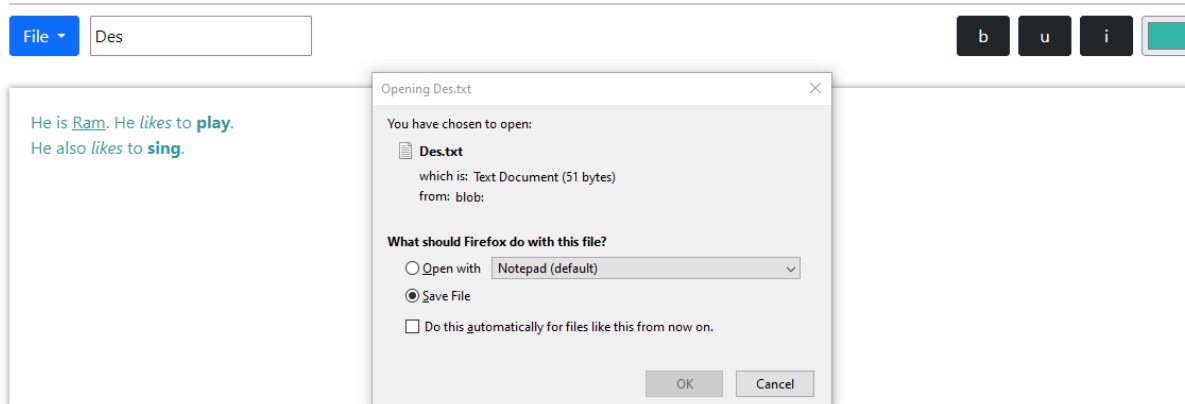
2 File saving options

Doc Editor



3 Saving as pdf

Doc Editor



4 Saving as txt

Document Editor hosted on <https://soumyadeep-karmakar.github.io/New-Repository-5/>

Text editor has 4 options:

Choosing text color, italics(i), underline(u), bold(b);

Hosted on Github Repository: <https://github.com/Soumyadeep-Karmakar/New-Repository-5>

Team Member: Soumyadeep Karmakar

Files:

[README.md](#) – Doc Editor (Simple)

[htmltopdf.js](#) – For converting html file to pdf file (Code.js)

[index.html](#) – Main html file which provides user interface

[script.js](#) – Implements functionalities like Bold, italic, underline, text color change, conversion to txt

[style.css](#) – For styling of buttons

Pseudo Code:

```
const varname = document.querySelector("#varname-input") //initializing variables
```

```
boldBtn.addEventListener("click", () => {  
    document.execCommand("bold")  
})// for bold
```

```
underlineBtn.addEventListener("click", () => {  
    document.execCommand("underline")  
}) //for underline
```

```
italicBtn.addEventListener("click", () => {  
    document.execCommand("italic")  
}) //for italics
```

```
colorBtn.addEventListener("input", () => {  
    document.execCommand("forecolor", false, colorBtn.value)  
})// for color of text
```

```
newBtn.addEventListener("click", () => {  
    content.innerHTML = ""  
}) //for creating new file
```

```
txtBtn.addEventListener("click", () => {  
    const a = document.createElement("a")  
    const blob = new Blob([content.innerText])  
    const dataUrl = URL.createObjectURL(blob)  
    a.href = dataUrl  
    a.download = filename.value + ".txt"  
    a.click()  
}) //for converting to text document
```

```
pdfBtn.addEventListener('click', () => {  
    html2pdf().from(content).save(filename.value)  
})// for converting to pdf
```

CI/CD Pipeline:

All CI/CD Pipelines have been followed:

- **Build** - On local machine
- **Test** - On local machine
- **Release** -On github
- **Deploy** - On github pages
- **Validation and compliance** – On github