

Online Code Editor

**Sanjana. S. Dindewar¹, Trupti. S. Wasade², Riya. G. Manusmare³, Rupali. N. Lohabade⁴,
Sakshi. G. Nandurkar⁵, Prof. Vanita Buradkar⁶**

Students, Department of Computer Science & Engineering^{1,2,3,4,5}

Guide, Department of Computer Science & Engineering⁶

Rajiv Gandhi College of Engineering, Research and Technology, Chandrapur, Maharashtra, India

Abstract: *Programming tools are important for programmers to develop software. If the developers have a good tool, it can help them develop system faster and more accurate. This paper proposed the Online Code Editor that was created for programmers or developers who want to write programs without any platform requirements or without any specific physical computers. It bases on web application running on the Private cloud computing. The features of the editor are performed on web programming languages, e.g., HTML, PHP, CSS, and JavaScript. The editor can isolate programming languages by highlighting syntax of programs. Users can create new projects and files, import and export files that they want on a server. Moreover, Save, Auto save, Delete, etc. are the additional functions of the editor. In this research of the text editor development, the open-source software called, "Ace" was used for some functions such as Undo, Redo, and Syntax highlight. The experimental results indicated that the proposed editor can be practically used on Private cloud computing.*

Keywords: online code editor, web-based tool, syntax highlighting, code auto completion, debugging.

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