

Final year project

Name: I.D.E

Members

Midhun Mathew(1re13cs088)

Ruhil Jaiswal(1re12cs085)

Karthik Hegde(1re13cs062)

Synopsis:

AIM : An IDE for code evaluation and optimization.

In a competitive environment, it is often required to find the program that runs most efficiently among several programs. Currently few to none applications are available that compares programs and analyzes their efficiencies.

Python is a widely used general-purpose, high-level programming language. Its design philosophy emphasizes code readability, and its syntax allows programmers to express concepts irrespective of the platform. The language provides constructs to create programs on both a small and large scale. Hence python was the obvious choice to code our application.

A Performance evaluator engine will analyze the code and give the result in a visual representation. We create a central repository which stores the best functions which can be used by other users and also for further comparisons and optimization.