

Exp12

Question: The aim is to implement code optimization techniques such as Dead Code Elimination (DCE) and Common Subexpression Elimination (CSE) on an intermediate representation of a program (such as Three-Address Code (TAC)). These optimization techniques help reduce the size of the code, improve runtime performance, and eliminate redundant computations during the compilation process.

Output:

```
bash: ./a.out: No such file or directory
● hhvs-MacBook-Air:Exp12 hhv$ ./a.out
Optimized Three-Address Code:
t1 = a + b
t3 = t1 * c
t4 = t2 * c
✨ hhvs-MacBook-Air:Exp12 hhv$
```