

CCP Project Proposal

Project Title:

Currency Converter

Group Members:

- Muhammad Ayaan (CT-24288)
- Vishal Kumar (CT-25081)
- Muhammad Tayyab Khan (CT-25088)

Group Name:

ZenCoders

Programming Language:

C

Problem Statement:

With increasing international trade and remittances, people frequently need to convert between different currencies. A currency converter provides a quick and reliable way to calculate the equivalent value of an amount in another currency.

Proposed Solution:

We will design a menu-driven Currency Converter in C that allows users to:

1. Convert between multiple currencies (USD, EUR, PKR, etc.)
2. View current exchange rates
3. Update exchange rates (stored in a file)
4. Perform calculations with accuracy

Tools:

- C Language
- DevC++

Complexity Justification:

The project is not a simple calculator; it involves file handling, structured data, multiple operations, and user interaction. It matches the level of a Complex Computing Problem for Programming Fundamentals.