

REPORT - CURRENCY CONVERTER

This project called 'Currency Converter' is a program that helps the user to switch between any two currencies as per his own convenience. The user of the program can choose any conversion from the menu provided by the program developer and get the required conversion as per some pre-defined exchange rates or values that have been feeded in the program.

PROGRAM ANALYSIS

1.Functionality:

- User enters the amount to be converted.
- User selects the currency to convert from (source currency).
- User selects the currency to convert to (target currency).
- Program performs the conversion based on exchange rates.
- Program displays the converted amount.

2.Input:

- Amount to convert (float)
- Source currency selection (integer corresponding to a currency list)
- Target currency selection (integer corresponding to a currency list)

3.Output:

- Converted amount in the target currency

CODE TESTING

The program is tested keeping in mind various scenarios such as:

1. Converting different amounts that is, giving different input values.
2. Carrying out conversion among all supported currencies.

3. Handling invalid user input (e.g., selecting a non-existent currency or a non-existing menu option).

CONCLUSION

This report described the development of a basic currency converter program in C. The program demonstrates core programming concepts like functions, arrays for storing exchange rates, user inputs and calculations.

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