

Exception handling in C++

Instructions for submission: PPL Assignment 8

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Problem Statement:

Demonstrate concepts of exception handling for a C++ program intended to perform various financial activities on an account. You are tasked with creating a basic financial transactions simulator in C++. The program should allow users to perform common financial transactions like deposits, withdrawals, and balance inquiries. Your goal is to implement the program while incorporating exception handling to manage potential errors gracefully.

Objectives:

1. To implement a class/method for various financial transactions for a banking account.
2. To demonstrate the concepts of exception handling in this scenario.

Execution:

Steps to execute and submit the assignment:

1. **Transaction Functions:** Implement functions to perform financial transactions, including deposits, withdrawals, and balance inquiries. You can make use of Class/Objects for the same.
2. **Exception Handling:** Utilize exception handling to capture and manage errors that might occur during transactions. Focus on handling scenarios such as ***insufficient balance, invalid inputs, and other potential errors.***
3. **Error Handling:** Design your program to provide specific ***error messages*** when exceptions are raised. These messages should guide users on how to correct the issue or handle errors gracefully.
4. Create a single pdf with your code and corresponding output demonstrating how you have handled the various exceptions.