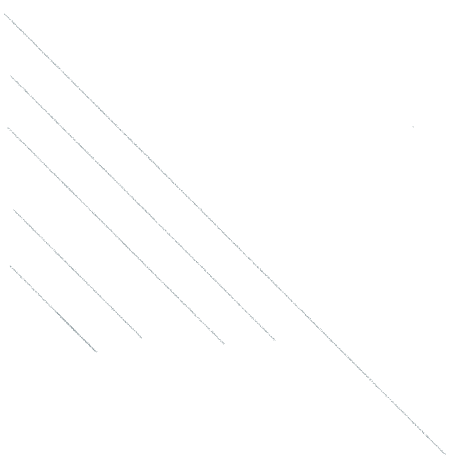
MY C++ PROJECT…\*

BANK MANAGEMENT

USE OF CLASS IN MY PROJECT TO ILLUSTRATE DIFFERENT FUNCTIONS SUCH AS,

* + TO WITHDRAW
  + TO DEPOSIT
  + TO CHECK BALANCE

AND CREATING OBJECTS FOR THE RESPECTIVE CLASSES……



**PROGRAM :**

#include <iostream>

#include <string>

class BankAccount {

public:

std::string account\_holder;

double balance;

public:

BankAccount(const std::string& holder, double initial\_balance = 0.0)

: account\_holder(holder), balance(initial\_balance) {}

void deposit(double amount) {

if (amount > 0) {

balance += amount;

std::cout << "Deposited $" << amount << "--> New balance: $" << balance << std::endl;

} else {

std::cout << "Invalid deposit amount. Please enter a positive value." << std::endl;

}

}

void withdraw(double amount) {

if (amount > 0 && amount <= balance) {

balance -= amount;

std::cout << "Withdrew $" << amount << "-->"<< "New balance: $" << balance << std::endl;

} else {

std::cout << "Invalid withdrawal amount or insufficient funds." << std::endl;

}

}

void check\_balance() const {

std::cout << "Account balance for " << account\_holder << ": $" << balance << std::endl;

}

void coder() const{

std::cout << "\*\*\*PROJECT DONE BY,"<<"\n"<<"SATHIKA BEGUM M ,CSE D\*\*\*\*\*"<<std::endl;

}

};

int main() {

//

BankAccount account1("SHAHITH", 10000.0);

// Perform operations on the account

account1.deposit(500.0);

account1.withdraw(2000.0);

account1.check\_balance();

account1.coder();

return 0;

}

**OUTPUT :**

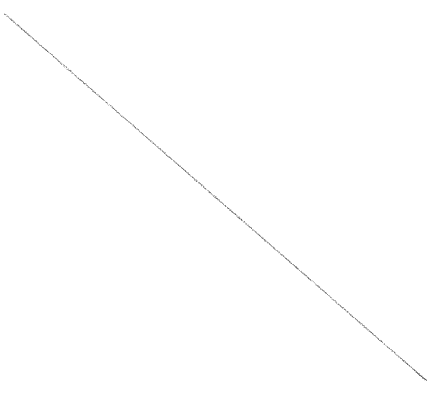
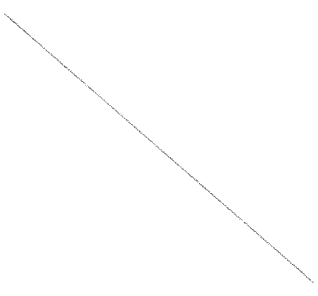
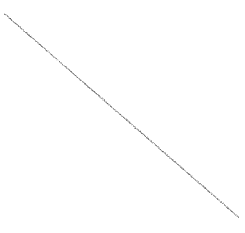
Deposited $500--> New balance: $10500

Withdrew $2000-->New balance: $8500

Account balance for SHAHITH: $8500

\*\*\*PROJECT DONE - BY,

SATHIKA BEGUM M ,CSE D\*\*\*



Project submitted to: **Mr .VENKATESH sir**

Project submitted by: **Sathika begum M**

Department : **computer science**

