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CS-210 5-3 Pseudo code

Class BankBalance:

*Functions:*

Void SetInitInvest(double input){

Inputs initial investment

}

Double GetInitInvest(){

Returns initial investment

}

Void SetMonthlyDeposit(double input) {

Inputs monthly deposit

}

Double GetMonthlyDeposit() {

Returns monthly deposit

}

Void SetNumYears(int input){

Inputs number of years

}

Int GetNumYears(){

Returns number of years

}

Double FindBalance(){

Gets and displays year end balance without monthly deposits

}

Double FindBalanceWithDeposit(){

Gets and displays year end balance with monthly deposits

}

*Variables:*

Double invest

Double monthDeposit

Double Balance1

Double Balance2

Double BalanceDifference

Double yearInterestTotal

Int numYears

Main CPP:

*Functions:*

Void DisplayEmptyMenu(){

Display a menu without inputs

}

Void DisplayMenu(){

Display a menu with inputs

}

Int Main(){

Get inputs and call BankBalance Class Function

}

*Variables:*

BankBalance userAccount;

int input;

double investInput;

double depositInput;

int yearInput;

int yearNum;

int i;