package ATM;

import java.io.\*;

import java.util.\*;

public class BankAccount {

private Scanner fin = null;

private File inputFile = null;

private int accountNum;

private int pin;

private String [] line = new String[4];

private String delimeter = null;

//private Checking checking = null;

//private Saving saving = null;

public BankAccount(){

inputFile = new File("src\\ATM\\bankData.txt");

delimeter = "\t\t";

//checking = new Checking();

//saving = new Saving();

}

//checks if account entered by user is in file

public boolean isAccountInFile(String accountNum){

this.accountNum = Integer.valueOf(accountNum);

//connect file to stream

try{

fin = new Scanner(inputFile);

}catch(FileNotFoundException e){

System.out.println("File not found");

return false;

}

//read through file to search for account

int i = 0;

fin.nextLine(); //gets rid of columns titles

while(fin.hasNextLine()){

this.line[i] = fin.nextLine();

i++;

}

fin.close();

//check if account in file

for(int j = 0; j < line.length; j++){

String temp = line[j].split(delimeter)[0];

if(Integer.valueOf(temp) == this.accountNum)

return true;

}

return false;

}

public String getDelimeter(){

return delimeter;

}

//checks if pin is correct

public boolean isPinCorrect(String pin){

this.pin = Integer.valueOf(pin);

for(int i = 0; i < line.length; i++){

String temp = line[i].split(delimeter)[1];

if(Integer.valueOf(temp) == this.pin)

return true;

}

return false;

}

}//end class