**import** java.util.Scanner;

**public** **class** ATMproject

{

**static** **int** *balance* = 10000;

**static** **int** *withdraw*;

**static** **int** *deposit*;

**static** Scanner *s* = **new** Scanner(System.*in*);

**static** String *AN* = "135", *P*, *A*;

**public** **static** **void** main(String args[] )

{

System.*out*.println("Welcome to Java ATM");

*AccountPin*(*AN*, *P*);

**while**(**true**)

**(\*this first part was to establish all the base objects and define them\*)**

{

System.*out*.println("Automated Teller Machine");

System.*out*.println("Choose 1 for Withdraw");

System.*out*.println("Choose 2 for Deposit");

System.*out*.println("Choose 3 for Check Balance");

System.*out*.println("Choose 4 for EXIT");

System.*out*.print("Choose the operation you want to perform:");

**int** n = *s*.nextInt();

**switch**(n)

{

**case** 1:

System.*out*.print("Enter money to be withdrawn:");

*withdraw* = *s*.nextInt();

**if**(*balance* >= *withdraw*)

{

*balance* = *balance* - *withdraw*;

System.*out*.println("Please collect your money");

}

**else**

{

System.*out*.println("Insufficient Balance");

}

System.*out*.println("");

**break**;

**case** 2:

System.*out*.print("Enter money to be deposited:");

*deposit* = *s*.nextInt();

*balance* = *balance* + *deposit*;

System.*out*.println("Your Money has been successfully depsited");

System.*out*.println("");

**break**;

**case** 3:

System.*out*.println("Balance : "+*balance*);

System.*out*.println("");

**break**;

**case** 4:

System.*exit*(0);

}

}

}

**(\*the second part was all the parts required to run the actual atm prosses\*)**

**public** **static** String AccountPin(String AN, String P){

String A = "invalid";

**while** (A == "invalid"){

System.*out*.println("Please enter you account pin");

P = *s*.nextLine();

**if**(AN.equals("135")&&(P.equals("123"))){

A = "Joshua B";

}

**if** (A.equals("invalid")){

System.*out*.println("incorrect pin, please enter again.");

}

**else**

System.*out*.println("Hello Joshua");

}

**return** A;}}

**(\*the last part was all the code required for you to be able to enter you correct pin and go to the atm prosses\*)**