using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace ConsoleApplication1

{

internal class Program

{

public static void Main(string[] args)

{

Banking();

Console.ReadLine();

}

public static void Banking()

{

Console.WriteLine("\t\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* WELCOME TO ATM BANKING-DEVELOPED BY TANVIR \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\n");

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*ACCOUNT NUMBER, BALANCE AND PIN SETUP\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

var AccountNumber = new List<int>() { 255, 983, 456 };

var PinNumber = new List<int>() { 7978, 0101, 5050 };

var Balance = new List<int>() { 10000, 40000, 2000 };

//\*\*\*\*\*\*\*\*\*\*\*\*\*USER INPUT FOR ACCOUNT NUMBER & PIN\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Console.Write("Please Enter your Account Number: ");

var CardInput = int.Parse(Console.ReadLine());

Console.Write("Please Enter Your pin: ");

var PinInput = int.Parse(Console.ReadLine());

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*ACCOUNT, PIN NUMBER CHECK & CHOICE SELECTION FOR TRANSACTION\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

if ((CardInput == AccountNumber[0] && PinInput == PinNumber[0]) || (CardInput == AccountNumber[1] && PinInput == PinNumber[1]) || (CardInput == AccountNumber[2] && PinInput == PinNumber[2]))

{

for (int i = 0; i < 3; i++) //\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*LOOP FOR UPTO THREE TIME TRANSACTION PROCESS\*\*\*\*\*\*\*\*\*\*\*\*\*\*

{

Console.WriteLine("Please Choose Your Transaction: ");

Console.WriteLine("\t1. Withdraw Money\n\t2. Balance Check\n\t3. Exit");

Console.Write("Enter Your Choice Now: ");

var choice = int.Parse(Console.ReadLine());

// \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*WITHDRW MONEY CODE\*\*\*\*\*\*\*\*\*\*\*

if (choice == 1)

{

Console.Write("Enter Your Amount: ");

var withdraw = int.Parse(Console.ReadLine());

// \*\*\*\*FIRST ACCOUNT WITHDRAW MONEY\*\*\*\*\*\*\*\*\*\*\*\*

if (CardInput == AccountNumber[0] && PinInput == PinNumber[0])

{

var Balance1 = Balance[0];

var CurrentBalance1 = Balance[0] - withdraw;

Balance[0] = CurrentBalance1;

if (CurrentBalance1 > 20)

{

Console.WriteLine("Success Withdraw. New Balance is: " + CurrentBalance1);

Console.Write("Do you Want to Quit? Yes OR No: ");

var quit1 = Console.ReadLine();

if (quit1 == "yes")

{

Environment.Exit(0);

}

else if (quit1 == "no")

{

Console.WriteLine("OK.Try Again From Scratch");

}

else

{

Console.WriteLine("Sorry Wrong Choice");

Console.WriteLine("Try Again From Scratch");

}

}

else

{

Console.WriteLine("Sorry Not Enough Balance!\nYour Balance is: " + Balance1);

Console.Write("Do you Want to Quit? Yes OR No: ");

var quit1 = Console.ReadLine();

if (quit1 == "yes")

{

Environment.Exit(0);

}

else if (quit1 == "no")

{

Console.WriteLine("OK.Try Again From Scratch");

}

else

{

Console.Write("Sorry Wrong Choice");

Console.WriteLine("Try Again from Scratch");

}

}

}

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*SECOND ACCOUNT MONEY WITHDRAW CODE\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

else if (CardInput == AccountNumber[1] && PinInput == PinNumber[1])

{

var Balance2 = Balance[1];

var CurrentBalance2 = Balance[1] - withdraw;

Balance[1] = CurrentBalance2;

if (CurrentBalance2 > 20)

{

Console.WriteLine("Success Withdraw.New Balance is: " + CurrentBalance2);

Console.Write("Do you Want to Quit? Yes OR No: ");

var quit1 = Console.ReadLine();

if (quit1 == "yes")

{

Environment.Exit(0);

}

else if (quit1 == "no")

{

Console.WriteLine("OK.Try Again From Scratch");

}

else

{

Console.Write("Sorry Wrong Choice");

Console.Write("Try Again From Scratch");

}

}

else

{

Console.WriteLine("Sorry Not Enough Balance!\nYour Balance is: " + Balance2);

Console.Write("Do you Want to Quit? Yes OR No: ");

var quit1 = Console.ReadLine();

if (quit1 == "yes")

{

Environment.Exit(0);

}

else if (quit1 == "no")

{

Console.WriteLine("OK.Try Again From Scratch");

}

else

{

Console.Write("Sorry Wrong Choice");

Console.WriteLine("Try Again from Scratch");

}

}

}

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* THIRD ACCOUNT MONEY WTHDRAW CODE \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

else if (CardInput == AccountNumber[2] && PinInput == PinNumber[2])

{

var Balance3 = Balance[2];

var CurrentBalance3 = Balance[2] - withdraw;

Balance[2] = CurrentBalance3;

if (CurrentBalance3 > 20)

{

Console.WriteLine("Success Withdraw.New Balance is: " + CurrentBalance3);

Console.Write("Do you Want to Quit? Yes OR No: ");

var quit1 = Console.ReadLine();

if (quit1 == "yes")

{

Environment.Exit(0);

}

else if (quit1 == "no")

{

Console.WriteLine("OK.Try Again From Scratch");

}

else

{

Console.Write("Sorry Wrong Choice");

Console.WriteLine("Try Again From Scratch");

}

}

else

{

Console.WriteLine("Sorry Not Enough Balance!\nYour Balance is: " + Balance3);

Console.Write("Do you Want to Quit? Yes OR No: ");

var quit1 = Console.ReadLine();

if (quit1 == "yes")

{

Environment.Exit(0);

}

else if (quit1 == "no")

{

Console.WriteLine("OK.Try Again From Scratch");

}

else

{

Console.Write("Sorry Wrong Choice");

Console.WriteLine("Try Again from Scratch");

}

}

}

}

// \*\*\*\*\*\*\*\*\*\*ONLY BALANCE CHECK CODE\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

else if (choice == 2)

{

// \*\*\*\*\*\*\*\*\*\*ONLY BALANCE CHECK CODE FOR ACCOUNT ONE\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

if (CardInput == AccountNumber[0] && PinInput == PinNumber[0])

{

Console.WriteLine("Your Balance is:" + Balance[0]);

Console.Write("Do you Want to Quit? Yes OR No: ");

var quit1 = Console.ReadLine();

if (quit1 == "yes")

{

Environment.Exit(0);

}

else if (quit1 == "no")

{

Console.WriteLine("OK.Try Again From Scratch");

}

else

{

Console.Write("Sorry Wrong Choice");

Console.WriteLine("Try Again from Scratch");

}

}

// \*\*\*\*\*\*\*\*\*\*ONLY BALANCE CHECK CODE FOR ACCOUNT TWO\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

else if (CardInput == AccountNumber[1] && PinInput == PinNumber[1])

{

Console.WriteLine("Your Balance is: " + Balance[1]);

Console.Write("Do you Want to Quit? Yes OR No: ");

var quit1 = Console.ReadLine();

if (quit1 == "yes")

{

Environment.Exit(0);

}

else if (quit1 == "no")

{

Console.WriteLine("OK.Try Again From Scratch");

}

else

{

Console.WriteLine("Sorry Wrong Choice");

Console.WriteLine("Try Again from Scratch");

}

}

// \*\*\*\*\*\*\*\*\*\*ONLY BALANCE CHECK CODE FOR ACCOUNT THREE\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

else if (CardInput == AccountNumber[2] && PinInput == PinNumber[2])

{

Console.WriteLine("Your Balance is:" + Balance[2]);

Console.Write("Do you Want to Quit? Yes OR No: ");

var quit1 = Console.ReadLine();

if (quit1 == "yes")

{

Environment.Exit(0);

}

else if (quit1 == "no")

{

Console.WriteLine("OK.Try Again From Scratch");

}

else

{

Console.WriteLine("Sorry Wrong Choice");

Console.WriteLine("Try Again from Scratch");

}

}

}

// \*\*\*\*\*\*\*\*\*\*EXIT CODE\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

else if (choice == 3)

{

Environment.Exit(0);

}

// \*\*\*\*\*\*\*\*\*\* CHOICE NOT MATCHED, CODE\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

else

{

Console.WriteLine("Sorry!! Wrong Choice!");

Console.Write("Try Again From Scratch");

}

}

}

// \*\*\*\*\*\*\*\*\*\* ACCOUNT NUMBER OR PIN NOT MATCHED \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

else

{

Console.WriteLine("Sorry Your Account Or Password is not Right !\nTry Again:");

}

// \*\*\*\*\*\*\*\*\*\* THREE TIMES TRIED FOR THE USER. BUT FAILED \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Console.WriteLine("Sorry Timed out.You Already Tried for Three Times !!");

}

}

}