

```

public class Bankaccount{
    private float balance;

    public Bankaccount()
    {   balance = 0;         }

    public Bankaccount(float b)
    {   balance = b;         }

    public void deposit(float amount)
    {   balance += amount;   }

    public void withdraw(float amount)
    {
        if (balance >= amount)
        {
            balance -= amount;
        }
        else
        {
            Console.WriteLine("\n Insufficient balance."
                + "Balance: " + balance
                + ", amount: " + amount);
        }
    } // end withdraw

    public void display_balance()
    {
        Console.WriteLine("\n Available Balance = "
            + balance);
    }
}

} // end of class Bankaccount

```

Predict (circle your best guess):

What keyword prints to the screen:

System.out.println	println	
Console.WriteLine	printf	print

```

using System;
public class TestAccount {
    public static void Main(string[] args)
    {
        uint i;
        for(i=0;i<args.Length;i++)
            Console.WriteLine
                ("\" + i + ":" + args[i]);

        Bankaccount s = new Bankaccount();
        s.deposit(20);
        s.display_balance();
        s.deposit(30);
        s.display_balance();
        s.withdraw(60);
        s.display_balance();
        s.withdraw(40);
        s.display_balance();
    } // end of Main
} // end of class TestAccount

```

To compile:
mcs TestAccount.cs Bankaccount.cs

To run:
./TestAccount.exe

Which command(s) concatenates a string and an integer?

"Balance:" + balance balance -= amount
s.deposit(20) "" + i + ":"

What goes at the end of *every statement*?

: ; .) }

How goes at the end of the condition of an *if statement*?

: ; .) }

What additional questions do you have about the provided code?

How are basic blocks divided?

Surrounded by { }

indentation

Begin with :, end with “end”

How do you start a comment?

// # “

Which command calls the method Bankaccount(float b)?

```
Bankaccount s = new Bankaccount(5);  
  
s.deposit(20);  
  
s.display();
```

**What is the purpose of the “” at the beginning of this line:
Console.WriteLine (“” + i);**

What keywords do you see that you are not familiar with?

A few similarities & Differences between C and C#:

	C and C#	C# only
native types	int, float, double, char	bool - true, false string - “hello” uint - unsigned int
user-defined types	enum, struct	class
collections	array	list - dynamically-allocated array dictionary - collection of pairs search by key, not index