//Operators

//= Assignment

Integer luckyNumber = 8;

luckyNumber = 5;

luckyNumber = 3;

System.debug(luckyNumber);

//== !=

Integer a = 10;

Integer b = 10;

System.debug(a==b);

Integer a = 9;

Integer b = 10;

System.debug(a==b);

Integer a = 9;

Integer b = 10;

System.debug(a!=b);

// === !==

Account newAccount1 = new Account (Name='Melek');

Account newAccount2 = new Account (Name ='Angel');

System.debug(newAccount1);

System.debug(newAccount2);

System.debug(newAccount1 == newAccount2); //true

System.debug(newAccount1 === newAccount2); // false since these are different account with different ID

System.debug(newAccount1 !== newAccount2); // are these records NOT allocating the same space in the Salesforce Database?

newAccount1 = newAccount2;

System.debug(newAccount1 === newAccount2); // true

System.debug(newAccount1 !== newAccount2); // false

// <, >

Integer firstNumber = 10;

Integer secondNumber = 20;

System.debug(firstNumber < secondNumber);

System.debug(firstNumber > secondNumber);

// && (AND) , || (OR)

Integer firstNumber = 10;

Integer secondNumber = 20;

Integer thirdNumber = 15;

System.debug((firstNumber < secondNumber) && (secondNumber < thirdNumber)); // && : T + F = F

System.debug((firstNumber < secondNumber) || (secondNumber < thirdNumber)); // || : T +F = T

System.debug((firstNumber < secondNumber) && (secondNumber > thirdNumber)); // && : T + T = T

System.debug((firstNumber > secondNumber) && (secondNumber > thirdNumber)); // &&: F + T = F

System.debug((firstNumber > secondNumber) || (secondNumber > thirdNumber)); // ||: F + T = T

//Math operators (+, -, \*, / )

Integer total = firstNumber + secondNumber + thirdNumber;

System.debug(total);

Integer resultOne = thirdNumber - 5;

System.debug(resultOne);

Integer resultTwo = firstNumber \* secondNumber;

System.debug(resultTwo);

Integer resultThree = secondNumber/firstNumber;

System.debug(resultThree);

Decimal firstNumber = 10;

Decimal secondNumber = 20;

Decimal thirdNumber = 15;

Decimal resultFour = firstNumber/secondNumber;

System.debug(resultFour);

//x += 1

Integer myNumber = 1;

myNumber = myNumber +1; //2

System.debug(myNumber);

Integer myNewNumber = 9;

myNewNumber += 1; //10

System.debug(myNewNumber);

Integer myNewNumber = 9;

myNewNumber += 5; //10

System.debug(myNewNumber);

//X++, x-- short form for increment and decrement

Integer myNumber = 4;

myNumber++;

System.debug(myNumber);

Integer myNumber = 4;

myNumber--;

System.debug(myNumber);

//-----------CONTROL FLOW STATEMENTS----------

// Conditional (If Else) Statements

If (condition){

//Code to execute

} else {

//Code to execute

}

Decimal revenue = 100;

if (revenue>50){

System.debug( revenue + ' revenue is great!');

} else {

System.debug( revenue + ' revenue needs to be improved!');

}

Decimal revenue = 30;

if (revenue>50){

System.debug( revenue + ' revenue is great!');

} else {

System.debug( revenue + ' revenue needs to be improved!');

}

// x ? y : z

Decimal revenue = 100;

String revenueResult = revenue>50 ? revenue + ' revenue is great!' : revenue + ' revenue needs to be improved!';

System.debug(revenueResult);

Decimal revenue = 30;

String revenueResult = revenue>50 ? revenue + ' revenue is great!' : revenue + ' revenue needs to be improved!';

System.debug(revenueResult);

Decimal revenue = 30;

if (revenue>50){

System.debug( revenue + ' revenue is great!');

} else if ((revenue<50) && (revenue>25)){

System.debug( revenue + ' revenue is avarage!');

} else {

System.debug( revenue + ' revenue needs to be improved!');

}

Decimal revenue = 10;

if (revenue>50){

System.debug( revenue + ' revenue is great!');

} else if ((revenue<50) && (revenue>25)){

System.debug( revenue + ' revenue is avarage!');

} else {

System.debug( revenue + ' revenue needs to be improved!');

}

// Switch Statements (only integer, long, string, sObject, enum)

Integer gradePoint =10;

switch on gradePoint {

when 10{

System.debug('Excellent');

} when 9{

System.debug('Very Good');

} when else {

System.debug('Failed');

}

}

//Operators

//= Assignment

Integer luckyNumber = 8;

luckyNumber = 5;

luckyNumber = 3;

System.debug(luckyNumber);

//== !=

Integer a = 10;

Integer b = 10;

System.debug(a==b);

Integer a = 9;

Integer b = 10;

System.debug(a==b);

Integer a = 9;

Integer b = 10;

System.debug(a!=b);

// === !==

Account newAccount1 = new Account(Name ='Adam');

Account newAccount2 = new Account (Name = 'Adam');

System.debug(newAccount1);

System.debug(newAccount2);

System.debug(newAccount1 == newAccount2); //true

System.debug(newAccount1 === newAccount2); //false since these are different account with different ID

System.debug(newAccount1 !== newAccount2);// are these records NOT allocating the same space in the code

newAccount1 = newAccount2;

System.debug(newAccount1 === newAccount2); //true

System.debug(newAccount1 !== newAccount2); //false

// <, >

Integer firstNumber = 10;

Integer secondNumber = 20;

System.debug(firstNumber < secondNumber);

System.debug(firstNumber > secondNumber);

// &&, (AND) || (OR)

Integer firstNumber = 10;

Integer secondNumber = 20;

Integer thirdNumber = 15;

System.debug((firstNumber < secondNumber) && (secondNumber < thirdNumber)); // &&: T + F = F

System.debug((firstNumber < secondNumber) || (secondNumber < thirdNumber)); // &&: T + F = T

System.debug((firstNumber < secondNumber) && (secondNumber > thirdNumber)); // &&: T + T = T

System.debug((firstNumber > secondNumber) && (secondNumber > thirdNumber)); // &&: F + T = F

System.debug((firstNumber > secondNumber) || (secondNumber > thirdNumber)); // &&: F + T = F

//Math operators (+, -, \*, / )

Decimal firstNumber = 10;

Decimal secondNumber = 20;

Decimal thirdNumber = 15;

Integer total = firstNumber + secondNumber + thirdNumber;

System.debug(total);

Integer resultOne = thirdNumber - 5;

System.debug(resultOne);

Integer resultTwo = firstNumber \* secondNumber;

System.debug(resultTwo);

Integer resultThree = secondNumber / firstNumber;

System.debug(resultThree);

Decimal firstNumber = 10;

Decimal secondNumber = 20;

Decimal thirdNumber = 15;

Decimal resultFour = firstNumber / secondNumber;

System.debug(resultFour);

//x += 1

Integer myNumber = 1;

myNumber = myNumber +1; //2

System.debug(myNumber);

Integer myNewNumber = 9;

myNewNumber += 1; //10

System.debug(myNewNumber);

Integer myNewNumber = 9;

myNewNumber += 5; //10

System.debug(myNewNumber);

//X++, x-- // Short for for increment and decrement

Integer myNumber = 4;

myNumber++;

System.debug(myNumber);

Integer myNumber = 4;

myNumber--;

System.debug(myNumber);

//-----------CONTROL FLOW STATEMENTS----------

// Conditional (If Else) Statements

If (condition) {

// Code to execute

}else{

// Code to execute

}

Decimal revenue = 100;

If (revenue > 50) {

System.debug(revenue + 'revenue is great');

}else{

System.debug(revenue + 'revenue needs to be improved');

}

Decimal revenue = 30;

If (revenue > 50) {

System.debug(revenue + 'revenue is great');

}else{

System.debug(revenue + 'revenue needs to be improved');

}

// x? y : z

Decimal revenue = 30;

String revenueResult = revenue>50 ? revenue + 'revenue is great': 'revenue needs to be improved';

System.debug(revenueResult);

Decimal revenue = 100;

String revenueResult = revenue>50 ? revenue + 'revenue is great': 'revenue needs to be improved';

System.debug(revenueResult);

Decimal revenue = 30;

If (revenue > 50) {

System.debug(revenue + 'revenue is great');

}else if((revenue<50) && (revenue>25)){

System.debug(revenue + 'revenue needs to be average');

} else {

System.debug(revenue + 'revenue needs to be improved');

}

// Switch Statements (only integer, long, string, sObject, enum)

Integer gradePoint = 10;

switch on gradePoint {

when 10{

System.debug('Excellent');

} when 9{

System.debug('Very Good');

}when else{

System.debug('Failed');

}

}

//Loops

//Do While Loop

//While Loop

//For Loops

//Traditional For Loop

//List or Set for Loop

//SOQL for Loop Loop

//Operators

//= Assignment

Integer luckyNumber = 8;

luckyNumber = 5;

luckyNumber = 3;

System.debug(luckyNumber);

//== !=

Integer a = 10;

Integer b = 10;

System.debug(a==b);

Integer a = 9;

Integer b = 10;

System.debug(a==b);

Integer a = 9;

Integer b = 10;

System.debug(a!=b);

// === !==

Account newAccount1 = new Account(Name ='Adam');

Account newAccount2 = new Account (Name = 'Adam');

System.debug(newAccount1);

System.debug(newAccount2);

System.debug(newAccount1 == newAccount2); //true

System.debug(newAccount1 === newAccount2); //false since these are different account with different ID

// <, >

// &&, ||

//Math operators (+, -, \*, / )

//x += 1

//X++, x--

//Operators

//= Assignment

Integer luckyNumber = 8;

luckyNumber = 5;

luckyNumber = 3;

System.debug(luckyNumber);

//== !=

Integer a = 10;

Integer b = 10;

System.debug(a==b);

Integer a = 9;

Integer b = 10;

System.debug(a==b);

Integer a = 9;

Integer b = 10;

System.debug(a!=b);

// === !==

Account newAccount1 = new Account(Name ='Adam');

Account newAccount2 = new Account (Name = 'Adam');

System.debug(newAccount1);

System.debug(newAccount2);

System.debug(newAccount1 == newAccount2); //true

System.debug(newAccount1 === newAccount2); //false since these are different account with different ID

System.debug(newAccount1 !== newAccount2);// are these records NOT allocating the same space in the code

newAccount1 = newAccount2;

System.debug(newAccount1 === newAccount2); //true

System.debug(newAccount1 !== newAccount2); //false

// <, >

Integer firstNumber = 10;

Integer secondNumber = 20;

System.debug(firstNumber < secondNumber);

System.debug(firstNumber > secondNumber);

// &&, (AND) || (OR)

Integer firstNumber = 10;

Integer secondNumber = 20;

Integer thirdNumber = 15;

System.debug((firstNumber < secondNumber) && (secondNumber < thirdNumber)); // &&: T + F = F

System.debug((firstNumber < secondNumber) || (secondNumber < thirdNumber)); // &&: T + F = T

System.debug((firstNumber < secondNumber) && (secondNumber > thirdNumber)); // &&: T + T = T

System.debug((firstNumber > secondNumber) && (secondNumber > thirdNumber)); // &&: F + T = F

System.debug((firstNumber > secondNumber) || (secondNumber > thirdNumber)); // &&: F + T = F

//Math operators (+, -, \*, / )

//x += 1

//X++, x--

//Operators

//= Assignment

Integer luckyNumber = 8;

luckyNumber = 5;

luckyNumber = 3;

System.debug(luckyNumber);

//== !=

Integer a = 10;

Integer b = 10;

System.debug(a==b);

Integer a = 9;

Integer b = 10;

System.debug(a==b);

Integer a = 9;

Integer b = 10;

System.debug(a!=b);

// === !==

Account newAccount1 = new Account(Name ='Adam');

Account newAccount2 = new Account (Name = 'Adam');

System.debug(newAccount1);

System.debug(newAccount2);

System.debug(newAccount1 == newAccount2); //true

System.debug(newAccount1 === newAccount2); //false since these are different account with different ID

System.debug(newAccount1 !== newAccount2);// are these records NOT allocating the same space in the code

newAccount1 = newAccount2;

System.debug(newAccount1 === newAccount2); //true

System.debug(newAccount1 !== newAccount2); //false

// <, >

Integer firstNumber = 10;

Integer secondNumber = 20;

System.debug(firstNumber < secondNumber);

System.debug(firstNumber > secondNumber);

// &&, (AND) || (OR)

Integer firstNumber = 10;

Integer secondNumber = 20;

Integer thirdNumber = 15;

System.debug((firstNumber < secondNumber) && (secondNumber < thirdNumber)); // &&: T + F = F

System.debug((firstNumber < secondNumber) || (secondNumber < thirdNumber)); // &&: T + F = T

System.debug((firstNumber < secondNumber) && (secondNumber > thirdNumber)); // &&: T + T = T

System.debug((firstNumber > secondNumber) && (secondNumber > thirdNumber)); // &&: F + T = F

System.debug((firstNumber > secondNumber) || (secondNumber > thirdNumber)); // &&: F + T = F

//Math operators (+, -, \*, / )

Decimal firstNumber = 10;

Decimal secondNumber = 20;

Decimal thirdNumber = 15;

Integer total = firstNumber + secondNumber + thirdNumber;

System.debug(total);

Integer resultOne = thirdNumber - 5;

System.debug(resultOne);

Integer resultTwo = firstNumber \* secondNumber;

System.debug(resultTwo);

Integer resultThree = secondNumber / firstNumber;

System.debug(resultThree);

Decimal firstNumber = 10;

Decimal secondNumber = 20;

Decimal thirdNumber = 15;

Decimal resultFour = firstNumber / secondNumber;

System.debug(resultFour);

//x += 1

Integer myNumber = 1;

myNumber = myNumber +1; //2

System.debug(myNumber);

Integer myNewNumber = 9;

myNewNumber += 1; //10

System.debug(myNewNumber);

//X++, x--

//Operators

//= Assignment

Integer luckyNumber = 8;

luckyNumber = 5;

luckyNumber = 3;

System.debug(luckyNumber);

//== !=

Integer a = 10;

Integer b = 10;

System.debug(a==b);

Integer a = 9;

Integer b = 10;

System.debug(a==b);

Integer a = 9;

Integer b = 10;

System.debug(a!=b);

// === !==

Account newAccount1 = new Account(Name ='Adam');

Account newAccount2 = new Account (Name = 'Adam');

System.debug(newAccount1);

System.debug(newAccount2);

System.debug(newAccount1 == newAccount2); //true

System.debug(newAccount1 === newAccount2); //false since these are different account with different ID

System.debug(newAccount1 !== newAccount2);// are these records NOT allocating the same space in the code

newAccount1 = newAccount2;

System.debug(newAccount1 === newAccount2); //true

System.debug(newAccount1 !== newAccount2); //false

// <, >

Integer firstNumber = 10;

Integer secondNumber = 20;

System.debug(firstNumber < secondNumber);

System.debug(firstNumber > secondNumber);

// &&, (AND) || (OR)

Integer firstNumber = 10;

Integer secondNumber = 20;

Integer thirdNumber = 15;

System.debug((firstNumber < secondNumber) && (secondNumber < thirdNumber)); // &&: T + F = F

System.debug((firstNumber < secondNumber) || (secondNumber < thirdNumber)); // &&: T + F = T

System.debug((firstNumber < secondNumber) && (secondNumber > thirdNumber)); // &&: T + T = T

System.debug((firstNumber > secondNumber) && (secondNumber > thirdNumber)); // &&: F + T = F

System.debug((firstNumber > secondNumber) || (secondNumber > thirdNumber)); // &&: F + T = F

//Math operators (+, -, \*, / )

Decimal firstNumber = 10;

Decimal secondNumber = 20;

Decimal thirdNumber = 15;

Integer total = firstNumber + secondNumber + thirdNumber;

System.debug(total);

Integer resultOne = thirdNumber - 5;

System.debug(resultOne);

Integer resultTwo = firstNumber \* secondNumber;

System.debug(resultTwo);

Integer resultThree = secondNumber / firstNumber;

System.debug(resultThree);

Decimal firstNumber = 10;

Decimal secondNumber = 20;

Decimal thirdNumber = 15;

Decimal resultFour = firstNumber / secondNumber;

System.debug(resultFour);

//x += 1

Integer myNumber = 1;

myNumber = myNumber +1; //2

System.debug(myNumber);

Integer myNewNumber = 9;

myNewNumber += 1; //10

System.debug(myNewNumber);

Integer myNewNumber = 9;

myNewNumber += 5; //10

System.debug(myNewNumber);

//X++, x-- // Short for for increment and decrement

Integer myNumber = 4;

myNumber++;

System.debug(myNumber);

Integer myNumber = 4;

myNumber--;

System.debug(myNumber);