

Programming Fundamentals With Python Fall 2012 - Teacher: Rhema Linder
Assignment 2 - All Operations

All Operators:

Write a program that prints results from all operations listed below* from user input.
Assume variable a holds 10 and variable b holds 20 then:

Operator	Description	Example
+	Addition - Adds values on either side of the operator	a + b will give 30
-	Subtraction - Subtracts right hand operand from left hand operand	a - b will give -10
*	Multiplication - Multiplies values on either side of the operator	a * b will give 200
/	Division - Divides left hand operand by right hand operand	b / a will give 2
%	Modulus - Divides left hand operand by right hand operand and returns remainder	b % a will give 0
**	Exponent - Performs exponential (power) calculation on operators	a**b will give 10 to the power 20
//	Floor Division - The division of operands where the result is the quotient in which the digits after the decimal point are removed.	9//2 is equal to 4 and 9.0//2.0 is equal to 4.0

Writing the Program:

A sample program will start like this:

```
#Name: Rhema Linder
#Data: 9/??/2012
#Class: Programming Fundamentals With Python
#Assignment 2 - All Operations

a = input("Please input the first number, a:")
b = input("Please input the second number, b:")

print "a + b is",str(a+b)
```

Printing the Program:

Print your program and an example using a=5 and b = 9.

* table from http://www.tutorialspoint.com/python/python_basic_operators.htm