

ITP EXERCISES REVISED SPEC

"stdin" >>>> input()

"stdout" >>>> print()

03-Expressions

Rudimentary adding machine

1. Create a new file named **03-adding-machine** with an extension of dot **py**
2. Prompt the user to enter the first number (see page 2-11 for code reminder).
3. Read the first number from stdin and assign it to a variable named num1.
4. Prompt the user to enter the second number.
5. Read the second number from stdin and assign it to a variable named num2.
6. Calculate the sum and assign the result to variable named result.
7. Write the result to stdout with a label
print("Label text: " + str(variable))

Comparator

1. Create a new file named **03-comparator** with an extension of dot **py**
2. Prompt the user to enter the first number.
3. Read the first number from stdin and assign it to a variable named num1.

4. Prompt the user to enter the second number.
5. Read the second number from stdin and assign it to a variable named num2.
6. Determine whether the two numbers are the same and assign the result to a variable named num1EqualsNum2.
7. Write num1EqualsNum2 to stdout with a label.
8. Determine whether num1 is greater than num2 and assign the result to a variable named num1GreaterThanNum2.
9. Write num1GreaterThanNum2 to stdout with a label.
10. Determine whether num1 is less than num2 and assign the result to a variable named num1LessThanNum2.
11. Write num1LessThanNum2 to stdout with a label.
12. Save your changes.
13. Execute the code

Age validator

1. Create a new file named **03-age-validator** with an extension of dot **py**
2. Prompt the user to enter an age.
3. Read a number from stdin and assign it to a variable named age.
4. Determine whether the age is greater than or equal to 18 AND less than or equal to 125, and assign the result to a variable named isValid.
5. Write isValid to stdout with a label.
6. Save your changes

