

**Save As:   inputPractice.py**

# REVIEW: Assignment Statement

**variable = value to be stored**

# REVIEW: Assignment Statement

**variable = “string text”**

**\*REMINDER\*** If the value is a “STRING” text, enclose in “quotes”

# VARIABLE Examples

```
firstName = "Joe"
```

```
lastName = "Cruz"
```

```
village = "Mangilao"
```

# VARIABLE Examples

**hrsWrkd = 32**

**hrlyRate = 8.25**

**employee\_Name = “Jane Doe”**

# VARIABLE Examples

**emplyName = “Ken Lambert”**

**grossIncome = 20000**

**numOfDep = 2**

# Arithmetic Expression EXAMPLES

## #Formula

**taxableIncome = grossIncome – 10000 – (3000 \* numOfDep)**

# Arithmetic Expression EXAMPLES

**triBase = 5**

**triHeight = 10**

**triArea = 1 / 2 \* triBase \* triHeight**

**#Formula**



# input () Method

- Waits for the **user to enter data** from the keyboard.
- **Data that is entered** is assigned to a **variable**.

What are some everyday examples that needs user input?

SYNTAX:

```
variable = input("put a descriptive string prompt here")
```

## SYNTAX:

**variable = input("put a descriptive string prompt here")**

### **\*IMPORTANT\***

- Any input the user enters from the keyboard will always be a **"STRING"**.
- If a **NUMBER** is entered, it is a string.

variable = input("put a descriptive string prompt here")



myName = input("Enter your Full Name ")  
print(myName)

#input will prompt the user to enter Full Name

#print will print whatever the variable myName is storing.

```
num1 = input("Enter 1st number ")
```

```
num2 = input("Enter 2nd number ")
```

```
print(num1)
```

```
print(num2)
```

```
print(num1 + num2)
```

**What is your OUTPUT?**

**input ()** – Convert **str** to **(int or float)**

**\*\*REMINDER\*\***: Numbers entered at **input()** is a **“STRING”**.

- YOU need to **CONVERT** string number to numeric
  - Use **int**
  - Or use **float**.

```
num1 = int(input("Enter 1st number "))  
num2 = int(input("Enter 2nd number "))  
  
print(num1 + num2)
```

**#REMINDER: Convert** “string numbers” to int.



```
num1 = float(input("Enter 1st number "))  
num2 = float(input("Enter 2nd number "))  
  
print(num1 + num2)
```

**#REMINDER: Convert** “string numbers” to float.

**Write 3 PRINT statements that will print out as follows:**

First Number: variable

Second Number: variable

The sum of the two numbers is: do the calculation here