```
                              IDLE_tmp_r4ijla
Python 2.7.10 (default, May 23 2015, 09:44:00) [MSC v.1500 64 bit (AMD64)] on win32
Type "copyright", "credits" or "license()" for more information.
>>> ============================== RESTART ==============================
>>>

Traceback (most recent call last):
  File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/breaktime.py", line 1, in <module>
    webbrowser.open("https://www.youtube.com/watch?v=sjEbloAvI2c")
NameError: name 'webbrowser' is not defined
>>> ============================== RESTART ==============================
>>>
>>> ============================== RESTART ==============================
>>>
>>> ============================== RESTART ==============================
>>>
>>> time.ctime()
'Sat Oct 10 05:35:23 2015'
>>> ============================== RESTART ==============================
>>>

Traceback (most recent call last):
  File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/breaktime.py", line 4, in <module>
    total_breaks
NameError: name 'total_breaks' is not defined
>>> ============================== RESTART ==============================
>>>

Traceback (most recent call last):
  File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/breaktime.py", line 12, in <module>
    print(total_breaks + "Is not a number, please try again.")
TypeError: unsupported operand type(s) for +: 'NoneType' and 'str'
>>> ============================== RESTART ==============================
>>>
noneIs not a number, please try again.

Traceback (most recent call last):
  File "C:/Users/William/Projects/python/Udacity/Programming Foundations with
Python/Lesson 1/breaktime.py", line 13, in <module>
    getTotalBreaks()
NameError: name 'getTotalBreaks' is not defined
>>> ============================== RESTART ==============================
>>>
noneIs not a number, please try again.
Enter Total Number of breaks:3
>>> ============================== RESTART ==============================
>>>
```

noneIs not a number, please try again.
Enter Total Number of breaks:three

Traceback (most recent call last):
  File "C:/Users/William/Projects/python/Udacity/Programming Foundations with Python/Lesson 1/breaktime.py", line 16, in <module>
    getTotalNumBreaks()
  File "C:/Users/William/Projects/python/Udacity/Programming Foundations with Python/Lesson 1/breaktime.py", line 14, in getTotalNumBreaks
    promptTotalNumBreaks()
  File "C:/Users/William/Projects/python/Udacity/Programming Foundations with Python/Lesson 1/breaktime.py", line 7, in promptTotalNumBreaks
    total_breaks = input("Enter Total Number of breaks:")
  File "<string>", line 1, in <module>
NameError: name 'three' is not defined
>>> ============================== RESTART ==============================
>>>
noneIs not a number, please try again.
Enter Total Number of breaks:three

Traceback (most recent call last):
  File "C:\Users\William\Projects\python\Udacity\Programming Foundations with Python\Lesson 1\breaktime.py", line 16, in <module>
    getTotalNumBreaks()
  File "C:\Users\William\Projects\python\Udacity\Programming Foundations with Python\Lesson 1\breaktime.py", line 14, in getTotalNumBreaks
    promptTotalNumBreaks()
  File "C:\Users\William\Projects\python\Udacity\Programming Foundations with Python\Lesson 1\breaktime.py", line 7, in promptTotalNumBreaks
    total_breaks = input("Enter Total Number of breaks:")
  File "<string>", line 1, in <module>
NameError: name 'three' is not defined
>>> ============================== RESTART ==============================
>>>
noneIs not a number, please try again.
Enter Total Number of breaks:3
>>> ============================== RESTART ==============================
>>>
Enter Total Number of breaks:three

Traceback (most recent call last):
  File "C:\Users\William\Projects\python\Udacity\Programming Foundations with Python\Lesson 1\breaktime.py", line 17, in <module>
    promptTotalNumBreaks()
  File "C:\Users\William\Projects\python\Udacity\Programming Foundations with Python\Lesson 1\breaktime.py", line 7, in promptTotalNumBreaks
    total_breaks = input("Enter Total Number of breaks:")
  File "<string>", line 1, in <module>
NameError: name 'three' is not defined

```
>>> ================================ RESTART ================================
>>>
Enter Total Number of breaks:three

Traceback (most recent call last):
  File "C:\Users\William\Projects\python\Udacity\Programming Foundations with
Python\Lesson 1\breaktime.py", line 17, in <module>
    promptTotalNumBreaks()
  File "C:\Users\William\Projects\python\Udacity\Programming Foundations with
Python\Lesson 1\breaktime.py", line 7, in promptTotalNumBreaks
    total_breaks = input("Enter Total Number of breaks:")
  File "<string>", line 1, in <module>
NameError: name 'three' is not defined
>>> ================================ RESTART ================================
>>>
Enter Total Number of breaks:threeNameError: name 'three' is not defined

Traceback (most recent call last):
  File "C:\Users\William\Projects\python\Udacity\Programming Foundations with
Python\Lesson 1\breaktime.py", line 18, in <module>
    promptTotalNumBreaks()
  File "C:\Users\William\Projects\python\Udacity\Programming Foundations with
Python\Lesson 1\breaktime.py", line 7, in promptTotalNumBreaks
    total_breaks = input("Enter Total Number of breaks:")
  File "C:\Python27\lib\idlelib\PyShell.py", line 1398, in readline
    line = self._line_buffer or self.shell.readline()
KeyboardInterrupt
>>> ================================ RESTART ================================
>>>
Enter Total Number of breaks:three

Traceback (most recent call last):
  File "C:\Users\William\Projects\python\Udacity\Programming Foundations with
Python\Lesson 1\breaktime.py", line 18, in <module>
    promptTotalNumBreaks()
  File "C:\Users\William\Projects\python\Udacity\Programming Foundations with
Python\Lesson 1\breaktime.py", line 7, in promptTotalNumBreaks
    total_breaks = input("Enter Total Number of breaks:")
  File "<string>", line 1, in <module>
NameError: name 'three' is not defined
>>> ================================ RESTART ================================
>>>
Enter Total Number of breaks:three

Traceback (most recent call last):
  File "C:\Users\William\Projects\python\Udacity\Programming Foundations with
Python\Lesson 1\breaktime.py", line 18, in <module>
    promptTotalNumBreaks()
  File "C:\Users\William\Projects\python\Udacity\Programming Foundations with
```

```
Python\Lesson 1\breaktime.py", line 7, in promptTotalNumBreaks
    total_breaks = input("Enter Total Number of breaks:")
  File "<string>", line 1, in <module>
NameError: name 'three' is not defined
>>> ============================== RESTART ==============================
>>>
Enter Total Number of breaks:th

Traceback (most recent call last):
  File "C:\Users\William\Projects\python\Udacity\Programming Foundations with
Python\Lesson 1\breaktime.py", line 19, in <module>
    promptTotalNumBreaks()
  File "C:\Users\William\Projects\python\Udacity\Programming Foundations with
Python\Lesson 1\breaktime.py", line 16, in promptTotalNumBreaks
    total_breaks = input("Enter Total Number of breaks:")
  File "<string>", line 1, in <module>
NameError: name 'th' is not defined
>>> ============================== RESTART ==============================
>>>
Enter Total Number of breaks:3
That was not a number, please try again with integer input.
Enter Total Number of breaks:3
That was not a number, please try again with integer input.
Enter Total Number of breaks:23423
That was not a number, please try again with integer input.
Enter Total Number of breaks:

Traceback (most recent call last):
  File "C:\Users\William\Projects\python\Udacity\Programming Foundations with
Python\Lesson 1\breaktime.py", line 19, in <module>
    promptTotalNumBreaks()
  File "C:\Users\William\Projects\python\Udacity\Programming Foundations with
Python\Lesson 1\breaktime.py", line 17, in promptTotalNumBreaks
    getTotalNumBreaks()
  File "C:\Users\William\Projects\python\Udacity\Programming Foundations with
Python\Lesson 1\breaktime.py", line 13, in getTotalNumBreaks
    promptTotalNumBreaks()
  File "C:\Users\William\Projects\python\Udacity\Programming Foundations with
Python\Lesson 1\breaktime.py", line 17, in promptTotalNumBreaks
    getTotalNumBreaks()
  File "C:\Users\William\Projects\python\Udacity\Programming Foundations with
Python\Lesson 1\breaktime.py", line 13, in getTotalNumBreaks
    promptTotalNumBreaks()
  File "C:\Users\William\Projects\python\Udacity\Programming Foundations with
Python\Lesson 1\breaktime.py", line 17, in promptTotalNumBreaks
    getTotalNumBreaks()
  File "C:\Users\William\Projects\python\Udacity\Programming Foundations with
Python\Lesson 1\breaktime.py", line 13, in getTotalNumBreaks
    promptTotalNumBreaks()
```

```
  File "C:\Users\William\Projects\python\Udacity\Programming Foundations with
Python\Lesson 1\breaktime.py", line 16, in promptTotalNumBreaks
    total_breaks = input("Enter Total Number of breaks:")
  File "C:\Python27\lib\idlelib\PyShell.py", line 1398, in readline
    line = self._line_buffer or self.shell.readline()
KeyboardInterrupt
>>> ============================== RESTART ==============================
>>>
Enter Total Number of breaks:three

Traceback (most recent call last):
  File "C:\Users\William\Projects\python\Udacity\Programming Foundations with
Python\Lesson 1\breaktime.py", line 19, in <module>
    promptTotalNumBreaks()
  File "C:\Users\William\Projects\python\Udacity\Programming Foundations with
Python\Lesson 1\breaktime.py", line 16, in promptTotalNumBreaks
    total_breaks = input("Enter Total Number of breaks:")
  File "<string>", line 1, in <module>
NameError: name 'three' is not defined
>>> ============================== RESTART ==============================
>>>
Enter Total Number of breaks:three

Traceback (most recent call last):
  File "C:\Users\William\Projects\python\Udacity\Programming Foundations with
Python\Lesson 1\breaktime.py", line 19, in <module>
    promptTotalNumBreaks()
  File "C:\Users\William\Projects\python\Udacity\Programming Foundations with
Python\Lesson 1\breaktime.py", line 16, in promptTotalNumBreaks
    total_breaks = int(raw_input("Enter Total Number of breaks:"))
ValueError: invalid literal for int() with base 10: 'three'
>>> ============================== RESTART ==============================
>>>
Enter Total Number of breaks:th
Enter Total Number of breaks:th

Traceback (most recent call last):
  File "C:\Users\William\Projects\python\Udacity\Programming Foundations with
Python\Lesson 1\breaktime.py", line 22, in <module>
    promptTotalNumBreaks()
  File "C:\Users\William\Projects\python\Udacity\Programming Foundations with
Python\Lesson 1\breaktime.py", line 16, in promptTotalNumBreaks
    total_breaks = int(raw_input("Enter Total Number of breaks:"))
ValueError: invalid literal for int() with base 10: 'th'
>>> ============================== RESTART ==============================
>>>
Enter Total Number of breaks:
        ValueError: invalid literal for int() with base 10: 'th'
Enter Total Number of breaks:
```

```
Traceback (most recent call last):
  File "C:\Users\William\Projects\python\Udacity\Programming Foundations with
Python\Lesson 1\breaktime.py", line 24, in <module>
    promptTotalNumBreaks()
  File "C:\Users\William\Projects\python\Udacity\Programming Foundations with
Python\Lesson 1\breaktime.py", line 16, in promptTotalNumBreaks
    total_breaks = int(raw_input("Enter Total Number of breaks:"))
ValueError: invalid literal for int() with base 10: "ValueError: invalid literal for
int() with base 10: 'th'"
>>> ============================== RESTART ==============================
>>>
Enter Total Number of breaks:three
Sorry, that was not understood please use integer as input.
Enter Total Number of breaks:three
Sorry, that was not understood please use integer as input.
Enter Total Number of breaks:3
3
end
>>> ============================== RESTART ==============================
>>>
Enter Total Number of breaks:th
Sorry, that was not understood please use integer as input.
Enter Total Number of breaks:the
Sorry, that was not understood please use integer as input.
Enter Total Number of breaks:3

Traceback (most recent call last):
  File "C:\Users\William\Projects\python\Udacity\Programming Foundations with
Python\Lesson 1\breaktime.py", line 22, in <module>
    print(dataInputs[total_breaks])
NameError: name 'total_breaks' is not defined
>>> ============================== RESTART ==============================
>>>
Enter Total Number of breaks:th
Sorry, that was not understood please use integer as input.
Enter Total Number of breaks:tge
Sorry, that was not understood please use integer as input.
Enter Total Number of breaks:3
3
end
>>> ============================== RESTART ==============================
>>>
invalid:

Traceback (most recent call last):
  File "C:\Users\William\Projects\python\Udacity\Programming Foundations with
Python\Lesson 1\breaktime.py", line 9, in <module>
    print "invalid: ", link
NameError: name 'link' is not defined
```

```
>>> ============================= RESTART =============================
>>>
invalid:  https://www.youtube.com/watch?v=sjEbloAvI2c
Enter Total Number of breaks:
>>> ============================= RESTART =============================
>>>
invalid:  https://www.youtube.com/watch?v=sjEbloAvI2c
Enter Total Number of breaks:
>>> ============================= RESTART =============================
>>>
invalid:  https://www.youtube.com/
Enter Total Number of breaks:
>>> ============================= RESTART =============================
>>>
invalid:  https://www.youtube.com/watch?v=sjEbloAvI2c
Enter Total Number of breaks:
>>> ============================= RESTART =============================
>>>
invalid:  https://www.google.com
Enter Total Number of breaks:

Traceback (most recent call last):
  File "C:\Users\William\Projects\python\Udacity\Programming Foundations with
Python\Lesson 1\breaktime.py", line 27, in <module>
    getIntegerValue("total_breaks","Enter Total Number of breaks:")
  File "C:\Users\William\Projects\python\Udacity\Programming Foundations with
Python\Lesson 1\breaktime.py", line 17, in getIntegerValue
    userInput = int(raw_input(promptText))
  File "C:\Python27\lib\idlelib\PyShell.py", line 1398, in readline
    line = self._line_buffer or self.shell.readline()
KeyboardInterrupt
>>> ============================= RESTART =============================
>>>
Enter Total Number of breaks:
>>> ============================= RESTART =============================
>>>
Enter Total Number of breaks:
>>> ============================= RESTART =============================
>>>
Enter Total Number of breaks:3
Enter total number of minutes between breaks1
Enter Url to open:ok then
3
end
>>> ============================= RESTART =============================
>>>
Enter Total Number of breaks: 3
Enter total number of minutes between breaks: 3
Enter Url to open: 3
```

```
3
end
>>> ============================= RESTART =============================
>>>
Enter Total Number of breaks: 3
Enter total number of minutes between breaks: 3
Enter Url to open: 3
3
end
>>> ============================= RESTART =============================
>>>
Enter Total Number of breaks: 3
Enter total number of minutes between breaks: 3
Enter Url to open: 3
3
end
>>> ============================= RESTART =============================
>>>
Enter Total Number of breaks: 3
Enter total number of minutes between breaks: 3
Enter Url to open: htr://sfsfv
3
end
>>> ============================= RESTART =============================
>>>
Enter Total Number of breaks: 3
Enter total number of minutes between breaks: 3
Enter Url to open: 3
3
end
>>> ============================= RESTART =============================
>>>
Enter Total Number of breaks: 3
Enter total number of minutes between breaks: 3
Enter Url to open: 3
3
end
>>> import urllib2
>>> urllib2.Request("3")
<urllib2.Request instance at 0x0000000002DDB3C8>
>>> try urllib2.Request(3)
SyntaxError: invalid syntax
>>> try urllib2.Request("3")
SyntaxError: invalid syntax
>>> try urllib2.Request(3)
KeyboardInterrupt
>>> try: urllib2.Request(3)
KeyboardInterrupt
>>> try urllib2.Request(3) except print("error")
```

```
SyntaxError: invalid syntax
>>> try: urllib2.Request(3) except: print("error")
SyntaxError: invalid syntax
>>> try:urllib2.Request(3) except print("error")
SyntaxError: invalid syntax
>>> ============================== RESTART ================================
>>>
Enter Total Number of breaks: 3
Enter total number of minutes between breaks: 3
Enter Url to open: 3
3
end
>>> urllib2.Request("3")
<urllib2.Request instance at 0x0000000000D530C8>
>>> urllib2.Request(3)

Traceback (most recent call last):
  File "<pyshell#10>", line 1, in <module>
    urllib2.Request(3)
  File "C:\Python27\lib\urllib2.py", line 229, in __init__
    self.__original = unwrap(url)
  File "C:\Python27\lib\urllib.py", line 1075, in unwrap
    url = url.strip()
AttributeError: 'int' object has no attribute 'strip'
>>> urllib2.Request("3://")
<urllib2.Request instance at 0x0000000002FEE188>
>>> urllib2.urlopen("3")

Traceback (most recent call last):
  File "<pyshell#12>", line 1, in <module>
    urllib2.urlopen("3")
  File "C:\Python27\lib\urllib2.py", line 154, in urlopen
    return opener.open(url, data, timeout)
  File "C:\Python27\lib\urllib2.py", line 423, in open
    protocol = req.get_type()
  File "C:\Python27\lib\urllib2.py", line 285, in get_type
    raise ValueError, "unknown url type: %s" % self.__original
ValueError: unknown url type: 3
>>> ============================== RESTART ================================
>>>
Enter Total Number of breaks: 3
Enter total number of minutes between breaks: 3
Enter Url to open: 3
Your input was not accessible web address:
3
Please try again.
Enter Url to open: 3
Your input was not accessible web address:
3
```

Please try again.
Enter Url to open: https://www.youtube.com/watch?v=sjEbloAvI2c
3
end
>>> ============================== RESTART ==============================
>>>
Enter Total Number of breaks: 1
Enter total number of minutes between breaks: 5
Enter Url to open: http://www.youtube.com/watch?v=YXw16RzMofo
This program started on Sat Oct 10 07:03:52 2015
>>>
KeyboardInterrupt
>>> print "\a"

>>> print('\007')

  File "<pyshell#14>", line 2
    print('\007')
    ^
IndentationError: unexpected indent
>>> print('\007')

>>> print '\a'

>>> print('\a')

>>> import sys
>>> sys.stdout.write('\a')

>>> sys.stout.flush()

Traceback (most recent call last):
  File "<pyshell#20>", line 1, in <module>
    sys.stout.flush()
AttributeError: 'module' object has no attribute 'stout'
>>> sys.stdout.flush()
>>> sys.stdout.write('\a')

>>> sys.stdout.flush()
>>> ============================== RESTART ==============================
>>>
Enter Total Number of breaks: 2
Enter total number of minutes between breaks: 5
Enter total number of minutes for break duration: 3
Enter Url to open: http://viewpure.com/sjEbloAvI2c
Your input was not accessible web address:
http://viewpure.com/sjEbloAvI2c
Please try again.
Enter Url to open: http://viewpure.com/sjEbloAvI2c

Your input was not accessible web address:
http://viewpure.com/sjEbloAvI2c
Please try again.
Enter Url to open: https://viewpure.com/sjEbloAvI2c
Your input was not accessible web address:
https://viewpure.com/sjEbloAvI2c
Please try again.
Enter Url to open: http://www.viewpure.com/sjEbloAvI2c
Your input was not accessible web address:
http://www.viewpure.com/sjEbloAvI2c
Please try again.
Enter Url to open:

Traceback (most recent call last):
  File "C:\Users\William\Projects\python\Udacity\Programming Foundations with
Python\Lesson 1\breaktime.py", line 48, in <module>
    getUrlInput("link", "Enter Url to open: ")
  File "C:\Users\William\Projects\python\Udacity\Programming Foundations with
Python\Lesson 1\breaktime.py", line 30, in getUrlInput
    userInput = raw_input(promptText)
  File "C:\Python27\lib\idlelib\PyShell.py", line 1398, in readline
    line = self._line_buffer or self.shell.readline()
KeyboardInterrupt
>>> import urllib2
>>> urllib2.urlopen("http://viewpure.com/sjEbloAvI2c")

Traceback (most recent call last):
  File "<pyshell#25>", line 1, in <module>
    urllib2.urlopen("http://viewpure.com/sjEbloAvI2c")
  File "C:\Python27\lib\urllib2.py", line 154, in urlopen
    return opener.open(url, data, timeout)
  File "C:\Python27\lib\urllib2.py", line 437, in open
    response = meth(req, response)
  File "C:\Python27\lib\urllib2.py", line 550, in http_response
    'http', request, response, code, msg, hdrs)
  File "C:\Python27\lib\urllib2.py", line 475, in error
    return self._call_chain(*args)
  File "C:\Python27\lib\urllib2.py", line 409, in _call_chain
    result = func(*args)
  File "C:\Python27\lib\urllib2.py", line 558, in http_error_default
    raise HTTPError(req.get_full_url(), code, msg, hdrs, fp)
HTTPError: HTTP Error 403: Forbidden
>>> urllib2.build_opener().addheaders = [('User-agent', 'Mozilla/5.0')]
>>> urllib2.urlopen("http://viewpure.com/sjEbloAvI2c")

Traceback (most recent call last):
  File "<pyshell#27>", line 1, in <module>
    urllib2.urlopen("http://viewpure.com/sjEbloAvI2c")
  File "C:\Python27\lib\urllib2.py", line 154, in urlopen

```
    return opener.open(url, data, timeout)
  File "C:\Python27\lib\urllib2.py", line 437, in open
    response = meth(req, response)
  File "C:\Python27\lib\urllib2.py", line 550, in http_response
    'http', request, response, code, msg, hdrs)
  File "C:\Python27\lib\urllib2.py", line 475, in error
    return self._call_chain(*args)
  File "C:\Python27\lib\urllib2.py", line 409, in _call_chain
    result = func(*args)
  File "C:\Python27\lib\urllib2.py", line 558, in http_error_default
    raise HTTPError(req.get_full_url(), code, msg, hdrs, fp)
HTTPError: HTTP Error 403: Forbidden
>>> opener = urllib2.build_opener()
>>> opener.addheaders = [('User-agent', 'Mozilla/5.0')]
>>> urllib2.install_opener(opener)
>>> urllib2.urlopen("http://viewpure.com/sjEbloAvI2c")
<addinfourl at 51035016L whose fp = <socket._fileobject object at
0x0000000003092048>>
>>> ============================== RESTART ===============================
>>>
Enter Total Number of breaks: 2HTTPError: HTTP Error 403: Forbidden

Traceback (most recent call last):
  File "C:\Users\William\Projects\python\Udacity\Programming Foundations with
Python\Lesson 1\breaktime.py", line 53, in <module>
    getIntegerValue("total_breaks","Enter Total Number of breaks: ")
  File "C:\Users\William\Projects\python\Udacity\Programming Foundations with
Python\Lesson 1\breaktime.py", line 17, in getIntegerValue
    userInput = int(raw_input(promptText))
  File "C:\Python27\lib\idlelib\PyShell.py", line 1398, in readline
    line = self._line_buffer or self.shell.readline()
KeyboardInterrupt
>>> ============================== RESTART ===============================
>>>
Enter Total Number of breaks: 2
Enter total number of minutes between breaks: 5
Enter total number of minutes for break duration: 3
Enter Url to open: http://viewpure.com/sjEbloAvI2c
The break counter started on Sat Oct 10 07:40:19 2015
This break has started on Sat Oct 10 07:40:24 2015
This break has ended on Sat Oct 10 07:40:27 2015
This break has started on Sat Oct 10 07:40:32 2015
This break has ended on Sat Oct 10 07:40:36 2015
>>> clear

Traceback (most recent call last):
  File "<pyshell#32>", line 1, in <module>
    clear
NameError: name 'clear' is not defined
```

```
>>> cls

Traceback (most recent call last):
  File "<pyshell#33>", line 1, in <module>
    cls
NameError: name 'cls' is not defined
>>> ============================== RESTART ==============================
>>>
```