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- Permissions
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- Question bank Mark 1.00 out of

Course administration

Switch role to..

Site administration

Test	Expected	Got	
double(1)	2	2	√
double(-7)	-14	-14	√
double(11)	22	22	✓

Passed all tests! 🔨

Marks for this submission: 1.00/1.00.

Question 2 Correct

For example:

Answer:

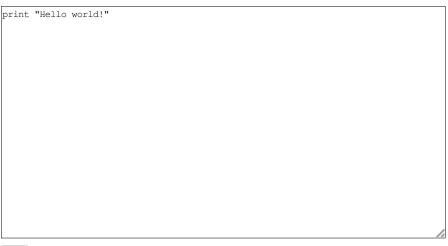
→ Hello world!

1.00

Write a program (one line!) that prints "Hello world!"

Edit question

Search



Check

	Got	Expected	
√	Hello world!	Hello world!	

Passed all tests!

Correct

Marks for this submission: 1.00/1.00.

Question 3 Correct

1.00

Mark 1.00 out of

Edit question

Write a function sayHello(firstName, lastName) that prints a welcoming message of the form "Hello <firstName> : Italian in the firstName in the form "Hello : Italian in the firstName in

 $\verb|sayHello('Angus', 'McGurkinshaw')| \rightarrow \verb|Hello Angus McGurkinshaw||$

Answer:

```
def sayHello(first, last):
  print "Hello " + first + ' ' + last
```

Check

Test	Expected	Got	
sayHello('Angus', 'McGurkinshaw')	Hello Angus McGurkinshaw	Hello Angus McGurkinshaw	✓
sayHello("Fred", "Bloggs")	Hello Fred Bloggs	Hello Fred Bloggs	✓

Passed all tests!

Correct

Marks for this submission: 1.00/1.00.

Question 4 Correct Mark 1.00 out of

Write a class Name as follows. The constructor takes two strings, first name and last name, as parameters, e.g. person = Name('Angus', 'McGurkinshaw'). It has a method fullName(), which returns the name in the form Andrew McGurkinshaw, and two "setter" methods setFirstName(fname) and setLastName(Iname) that respectively set the first and last names.

For example:



1.00

▲ Edit question

Shell Input	Output
<pre>obj = Name('Angus', 'McGurkinshaw') print "Full name is", obj.fullName() obj.setFirstName('Angela') print "Now full name is", obj.fullName() obj.setLastName('Ash') print "Name is now", obj.fullName()</pre>	Full name is Angus McGurkinshaw Now full name is Angela McGurkinshaw Name is now Angela Ash

Answer:

```
class Name (object):
    def __init__(self, first, last):
        self.first = first
        self.last = last

    def setFirstName(self, first):
        self.first = first

    def setLastName(self, last):
        self.last = last

    def fullName(self):
        return self.first + ' ' + self.last
```

Check

Test	Expected	Got	
<pre>obj = Name('Angus', 'McGurkinshaw') print "Full name is", obj.fullName() obj.setFirstName('Angela') print "Now full name is", obj.fullName()</pre>	Full name is Angus McGurkinshaw Now full name is Angela McGurkinshaw Name is now Angela Ash	Full name is Angus McGurkinshaw Now full name is Angela McGurkinshaw Name is now Angela Ash	√

Examples of different forms of question

<pre>obj.setLastName('Ash') print "Name is now", obj.fullName()</pre>			
<pre>bod = Name('Fred', 'Bloggs') print "Bod:", bod.fullName() bod.setFirstName('Black') bod.setLastName('Pete') print "Bod is now", bod.fullName()</pre>	Bod: Fred Bloggs Bod is now Black Pete	Bod: Fred Bloggs Bod is now Black Pete	✓

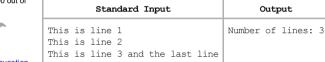
Passed all tests!

Correct

Marks for this submission: 1.00/1.00.

Question 5
Correct
Mark 1.00 out of 1.00

Write a program that reads from stdin until the end of file is reaches, and prints the number of lines read to standard output For example:



```
Edit question
```

```
Answer:
```

```
count = 0
try:
    while True:
        line = raw_input()
        count += 1
except EOFError:
    pass
print "Number of lines:", count
```

Check

Stdin	Expected	Got	
This is line 1 This is line 2 This is line 3 and the last line	Number of lines: 3	Number of lines: 3	1
This is line 1	Number of lines: 1	Number of lines: 1	√
A B C	Number of lines: 6	Number of lines: 6	✓

Examples of different forms of question

D		
E		
F		

Passed all tests!

Correct

Marks for this submission: 1.00/1.00.

Question 6
Not complete
Mark 0.33 out of
1.00

Write a function readnum(prompt) that repeatedly issues the given prompt and reads a line of input until it receives a line that represents a valid integer. It then returns the integer value of that line.

For example:



Standard Input	Shell Input	Total output	
Nope Not this one either 10 20	<pre>n = readnum("Gimme: ") print "Number is", n</pre>	Gimme: Gimme: Number is 10	

Answer

```
def readnum(prompt):
    ok = False
    while not ok:
        try:
            num = int(raw_input(prompt))
            ok = True
        except ValueError:
        pass
    return num
```

Check

Test	Stdin	Expected	Got	
<pre>n = readnum("Gimme: ") print "Number is", n</pre>	Nope Not this one either 10 20	Gimme: Gimme: Number is 10	Gimme: Gimme: Number is 10	1
<pre>ans = readnum("Prompt:") print "Ans:", ans</pre>	-1100	Prompt:Ans: -1100	Prompt:Ans: -1100	✓
n = readnum("X") print "n =", n	1 raw cat 2 dead dogs 3 blind mice 1000001	xxxxn = 1000001	xxxxn = 1000001	1

Passed all tests!

Correct

Marks for this submission: 1.00/1.00. Accounting for previous tries, this gives 0.33/1.00. This submission attracted a penalty of 0.33. Total penalties so far: 1.00.

Next

Moodle Docs for this page
You are logged in as Richard Lobb (Logout)

py4dum

Purge all caches