



Question 4

Correct

Mark 1.00 out of 1.00

Flag question

Write python code to display the factors of any given number.

Answer: (penalty regime: 0 %)

```
1 num = int(input())
2 print(num)
3 for i in range(1, num + 1):
4     if num % i == 0:
5         print(i)
```

	Input	Expected	Got	
✓	320	320	320	✓
	1	320	320	
	2	1	1	



	Input	Expected	Got	
✓	320	320	320	✓
	1	320	320	
	2	1	1	
	4	2	2	
	5	4	4	
	8	5	5	
	10	8	8	
	16	10	10	
	20	16	16	
	32	20	20	
	40	32	32	
	64	40	40	
	80	64	64	
	160	80	80	
	320	160	160	
		320	320	
✓	650	650	650	✓
	1	650	650	
	2	1	1	
	5	2	2	
	10	5	5	
	13	10	10	
	25	13	13	
	26	25	25	
	50	26	26	
	65	50	50	
	130	65	65	
	325	130	130	
	650	325	325	
		650	650	
✓	1098	1098	1098	✓



✓	1098	1098	1098	✓
1	1098	1098	1098	
2	1	1	1	
3	2	2	2	
6	3	3	3	
9	6	6	6	
18	9	9	9	
61	18	18	18	
122	61	61	61	
183	122	122	122	
366	183	183	183	
549	366	366	366	
1098	549	549	549	
	1098	1098	1098	

Passed all tests! ✓

### Question author's solution (Python3):

```
1 def print_factors(x):
2     print(x)
3     for i in range(1, x + 1):
4         if x % i == 0:
5             print(i)
6 num = int(input())
7 print_factors(num)
```



Marks for this submission: 1.00/1.00.



1098	549	549
	1098	1098

Passed all tests! ✓

### Question author's solution (Python3):

```
1 def print_factors(x):
2     print(x)
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4         if x % i == 0:
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6 num = int(input())
7 print_factors(num)
```

Correct

Marks for this submission: 1.00/1.00.

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