



Question 3

Correct

Mark 1.00 out of 1.00

Flag question

Write python code to display the prime numbers within the given set of range.

Answer: (penalty regime: 0 %)

```
1 lower = int(input(""))
2 upper = int(input(""))
3
4 print("Prime numbers between {} and {} are:".format(lower, upper))
5
6 for num in range(lower, upper + 1):
7     # all prime numbers are greater than 1
8     if num > 1:
9         for i in range(2, num):
10            if (num % i) == 0:
11                break
12            else:
13                print(num)
```

	Input	Expected	Got
✓	900 1000	900 1000	900 1000

Prime numbers between 900 and 1000 are: Prime numbers between 900 and 1000 are: Prime numbers between 900 and 1000 are:

Input	Expected	Got
✓ 900 1000 Prime numbers between 900 and 1000 are: 907 911 919 929 937 941 947 953 967 971 977 983 991 997	900 1000 Prime numbers between 900 and 1000 are: 907 911 919 929 937 941 947 953 967 971 977 983 991 997	900 1000 Prime numbers between 900 and 1000 are: 907 911 919 929 937 941 947 953 967 971 977 983 991 997
✓ 554 984 Prime numbers between 554 and 984 are: 557 563 569 571 577 587 593 599 601 607 613 617	554 984 Prime numbers between 554 and 984 are: 557 563 569 571 577 587 593 599 601 607 613 617	554 984 Prime numbers between 554 and 984 are: 557 563 569 571 577 587 593 599 601 607 613 617



554  
984  
Prime numbers between 554 and 984 are:  
557  
563  
569  
571  
577  
587  
593  
599  
601  
607  
613  
617  
619  
631  
641  
643  
647  
653  
659  
661  
673  
677  
683  
691  
701  
709  
719  
727  
733  
739  
743  
751

554  
984  
Prime numbers between 554 and 984 are:  
557  
563  
569  
571  
577  
587  
593  
599  
601  
607  
613  
617  
619  
631  
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683  
691  
701  
709  
719  
727  
733  
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743  
751

554  
984  
Prime numbers between 554 and 984 are:  
557  
563  
569  
571  
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751  
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887  
907  
911  
919  
929  
937  
941  
947  
953  
967  
971  
977  
983

0



967	967	967
971	971	971
977	977	977
983	983	983
✓ 0	0	0
100	100	100
Prime numbers between 0 and 100 are:	Prime numbers between 0 and 100 are:	Prime numbers between 0 and 100 are:
2	2	2
3	3	3
5	5	5
7	7	7
11	11	11
13	13	13
17	17	17
19	19	19
23	23	23
29	29	29
31	31	31
37	37	37
41	41	41
43	43	43
47	47	47
53	53	53
59	59	59
61	61	61
67	67	67
71	71	71
73	73	73
79	79	79
83	83	83
89	89	89
97	97	97

Passed all tests! ✓



47	47	47
53	53	53
59	59	59
61	61	61
67	67	67
71	71	71
73	73	73
79	79	79
83	83	83
89	89	89
97	97	97

Passed all tests! ✓

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

```
1 lower = int(input())
2 upper = int(input())
3 print("Prime numbers between", lower, "and", upper, "are:")
4
5 for num in range(lower, upper + 1):
6     # all prime numbers are greater than 1
7     if num > 1:
8         for i in range(2, num):
9             if (num % i) == 0:
10                 break
11             else:
12                 print(num)
```

Marks for this submission: 1.00/1.00.