X

Course outline

How does an NPTEL online course work?

Week 0

Week 1

Week 2

Week 3

week 4

Week 5

Week 6

Week 7

Week 8

Week 9

Week 10

Week 11

Programming Assignment-3: Numbers

Due on 2020-04-16, 23:59 IST

Write a program, which will find all such numbers between **m** and **n** (both included) such that each digit of the number is an even number.

Input Format:
The first line contains value **m** and **n** separated by a comma.

Output Format:
The numbers obtained should be printed in a comma-separated sequence on a single line.

Constraints:
1000<=m<=9000
1000<=n<=9000

Sample Test Cases

	Input	Output
Test Case 1	1000,2080	2000,2002,2004,2006,2008,2020,2022,2024,2026,2028,2040,2042,2044,2046,2048,2060,2062,2064,2066,2068,2080

- Browser Automation Watsapp using Python - Part 01 (unit?unit=201&lesson=202)
- Browser Automation Watsapp using Python - Part 02 (unit?unit=201&lesson=203)
- Browser Automation Watsapp using Python - Part 03 (unit?unit=201&lesson=204)
- Browser Automation Watsapp using Python - Part 04 (unit?unit=201&lesson=205)
- Fun with Calendar - Part 01 (unit?unit=201&lesson=206)
- Fun with Calendar - Part 02 (unit?unit=201&lesson=207)
- Fun with Calendar - Part 03 (unit?unit=201&lesson=208)
- Fun with Calendar - Part 04 (unit?unit=201&lesson=209)
- Fun with Calendar - Part 05 (unit?unit=201&lesson=210)
- Fun with Calendar - Part 06 (unit?unit=201&lesson=211)
- Fun with Calendar - Part 07 (unit?unit=201&lesson=212)

Test Case 2

```
1000,3000
```

```
2000,2002,2004,2006,2008,2020,2022,2024,2026,2028,2040,2042,2044,2046,2048,2060,2062,2064,2066,2068,2080,2082,2084,2086,2088,2200,2202,2204,2206,2208,2220,2222,2224,2226,2228,2240,2242,2244,2246,2248,2260,2262,2264,2266,2268,2280,2282,2284,2286,2288,2400,2402,2404,2406,2408,2420,2422,2424,2426,2428,2440,2442,2444,2446,2448,2460,2462,2464,2466,2468,2480,2482,2484,2486,2488,2600,2602,2604,2606,2608,2620,2622,2624,2626,2628,2640,2642,2644,2646,2648,2660,2662,2664,2666,2668,2680,2682,2684,2686,2688,2800,2802,2804,2806,2808,2820,2822,2824,2826,2828,2840,2842,2844,2846,2848,2860,2862,2864,2866,2868,2880,2882,2884,2886,2888
```

Test Case 3

```
2000,3000
```

```
2000,2002,2004,2006,2008,2020,2022,2024,2026,2028,2040,2042,2044,2046,2048,2060,2062,2064,2066,2068,2080,2082,2084,2086,2088,2200,2202,2204,2206,2208,2220,2222,2224,2226,2228,2240,2242,2244,2246,2248,2260,2262,2264,2266,2268,2280,2282,2284,2286,2288,2400,2402,2404,2406,2408,2420,2422,2424,2426,2428,2440,2442,2444,2446,2448,2460,2462,2464,2466,2468,2480,2482,2484,2486,2488,2600,2602,2604,2606,2608,2620,2622,2624,2626,2628,2640,2642,2644,2646,2648,2660,2662,2664,2666,2668,2680,2682,2684,2686,2688,2800,2802,2804,2806,2808,2820,2822,2824,2826,2828,2840,2842,2844,2846,2848,2860,2862,2864,2866,2868,2880,2882,2884,2886,2888
```

Test Case 4

```
2000,2020
```

```
2000,2002,2004,2006,2008,2020
```

Test Case 5

```
2000,2050
```

```
2000,2002,2004,2006,2008,2020,2022,2024,2026,2028,2040,2042,2044,2046,2048
```

Fun with Calendar - Part 08 (unit?unit=201&lesson=213)
Fun with Calendar - Part 09 (unit?unit=201&lesson=214)
Fun with Calendar - Part 10 (unit?unit=201&lesson=215)
Fun with Calendar - Part 11 (unit?unit=201&lesson=216)
Fun with Calendar - Part 12 (unit?unit=201&lesson=217)
Quiz : Assignment 11 (assessment?name=287)
Programming Assignment-1: Formula (/noc20_cs35/progassignment?name=319)
Programming Assignment-2: word-sorting (/noc20_cs35/progassignment?name=320)
Programming Assignment-3: Numbers (/noc20_cs35/progassignment?name=321)
Week 11 Feedback (unit?unit=201&lesson=322)
Week 12
Text Transcripts
Download Videos
Books

Test Case 6

```
10000,20000
```

```
2000
```

The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.
Sample solutions (Provided by instructor)

```
m,n = input().split(',')
m = int(m)
n = int(n)

values = []
for i in range(m, n+1):
    s = str(i)
    if (int(s[0])%2==0) and (int(s[1])%2==0) and (int(s[2])%2==0) and (
        values.append(s)
print(",".join(values))
```