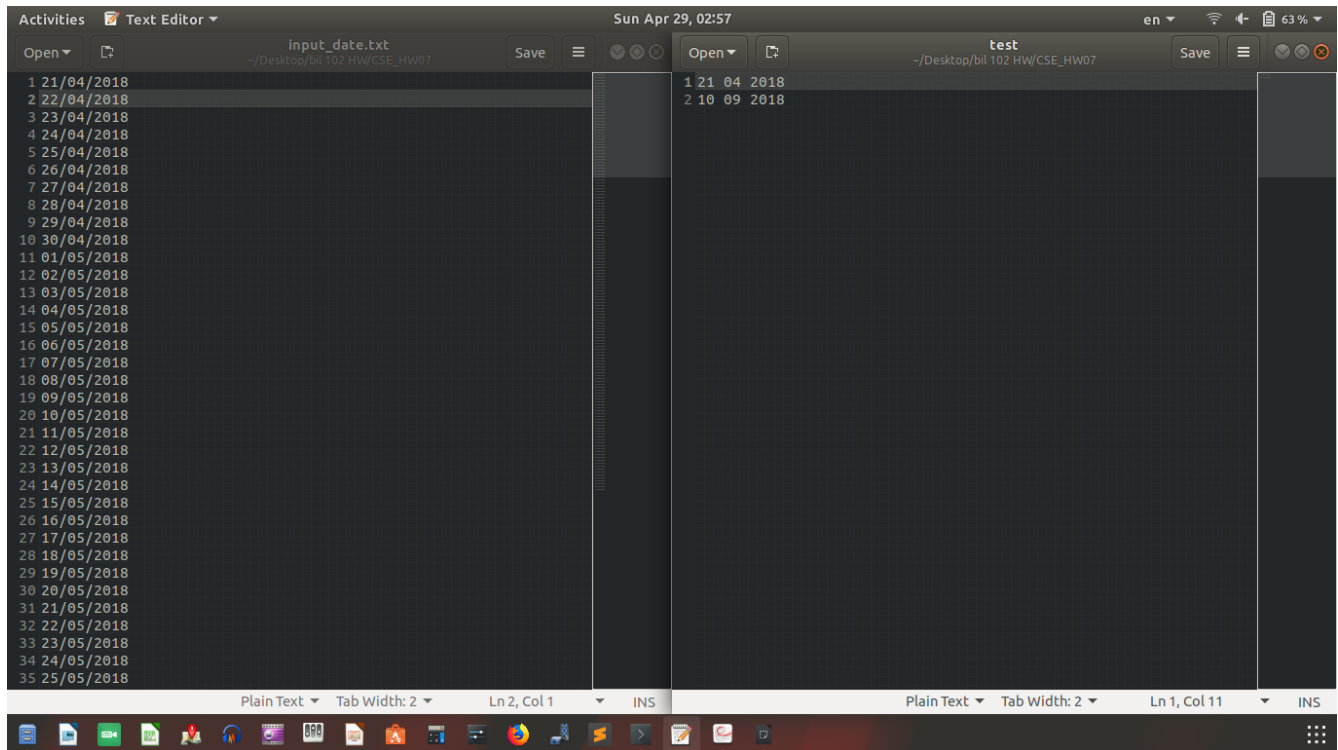


PART01:

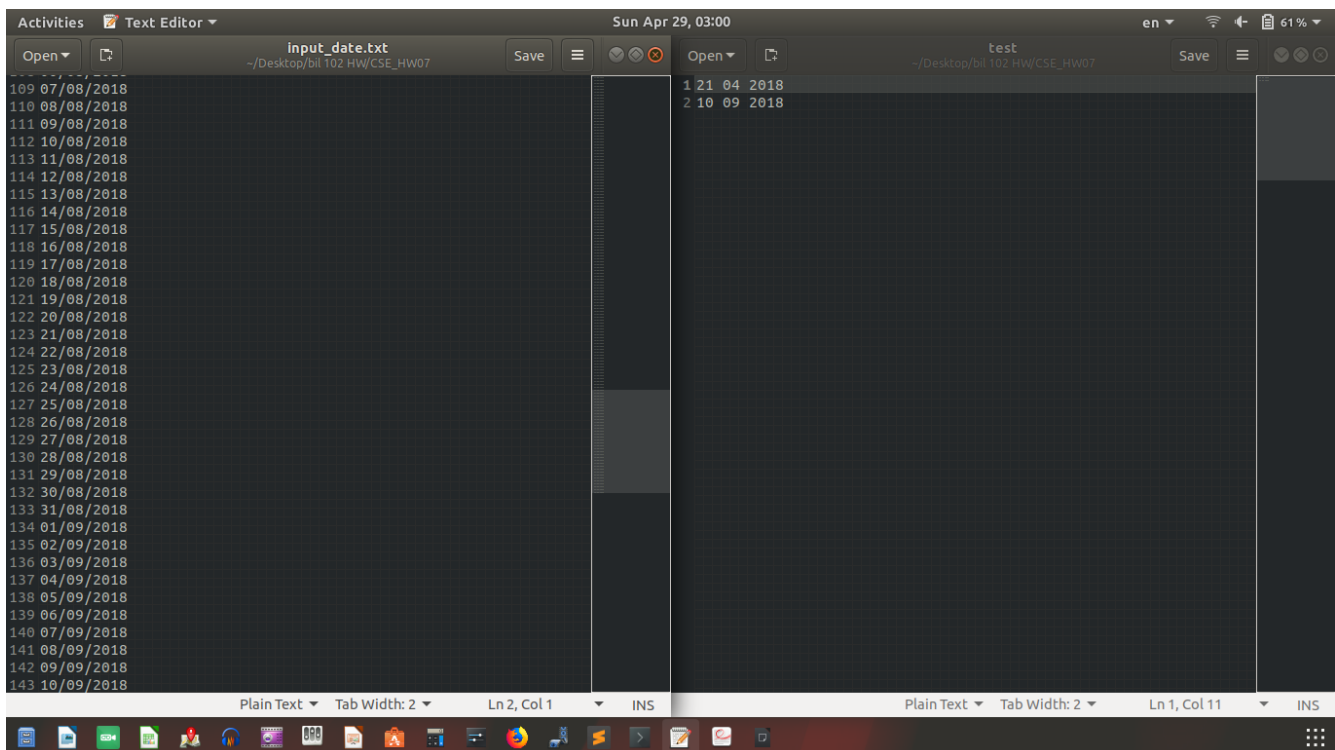
as we can see that I just entered the beginning the 21 04 2018 and the end date 10 09 2018 the two lines and then after manipulating the code the result is in the left side which is input_date.txt and it starts exactly how we want it to be.>>>



```
Activities Text Editor Sun Apr 29, 02:57 en 63%
input_date.txt ~/Desktop/bil T02 HW/CSE_HW07 Save
1 21/04/2018
2 22/04/2018
3 23/04/2018
4 24/04/2018
5 25/04/2018
6 26/04/2018
7 27/04/2018
8 28/04/2018
9 29/04/2018
10 30/04/2018
11 01/05/2018
12 02/05/2018
13 03/05/2018
14 04/05/2018
15 05/05/2018
16 06/05/2018
17 07/05/2018
18 08/05/2018
19 09/05/2018
20 10/05/2018
21 11/05/2018
22 12/05/2018
23 13/05/2018
24 14/05/2018
25 15/05/2018
26 16/05/2018
27 17/05/2018
28 18/05/2018
29 19/05/2018
30 20/05/2018
31 21/05/2018
32 22/05/2018
33 23/05/2018
34 24/05/2018
35 25/05/2018
Plain Text Tab Width: 2 Ln 2, Col 1 INS

test ~/Desktop/bil T02 HW/CSE_HW07 Save
1 21 04 2018
2 10 09 2018
Plain Text Tab Width: 2 Ln 1, Col 11 INS
```

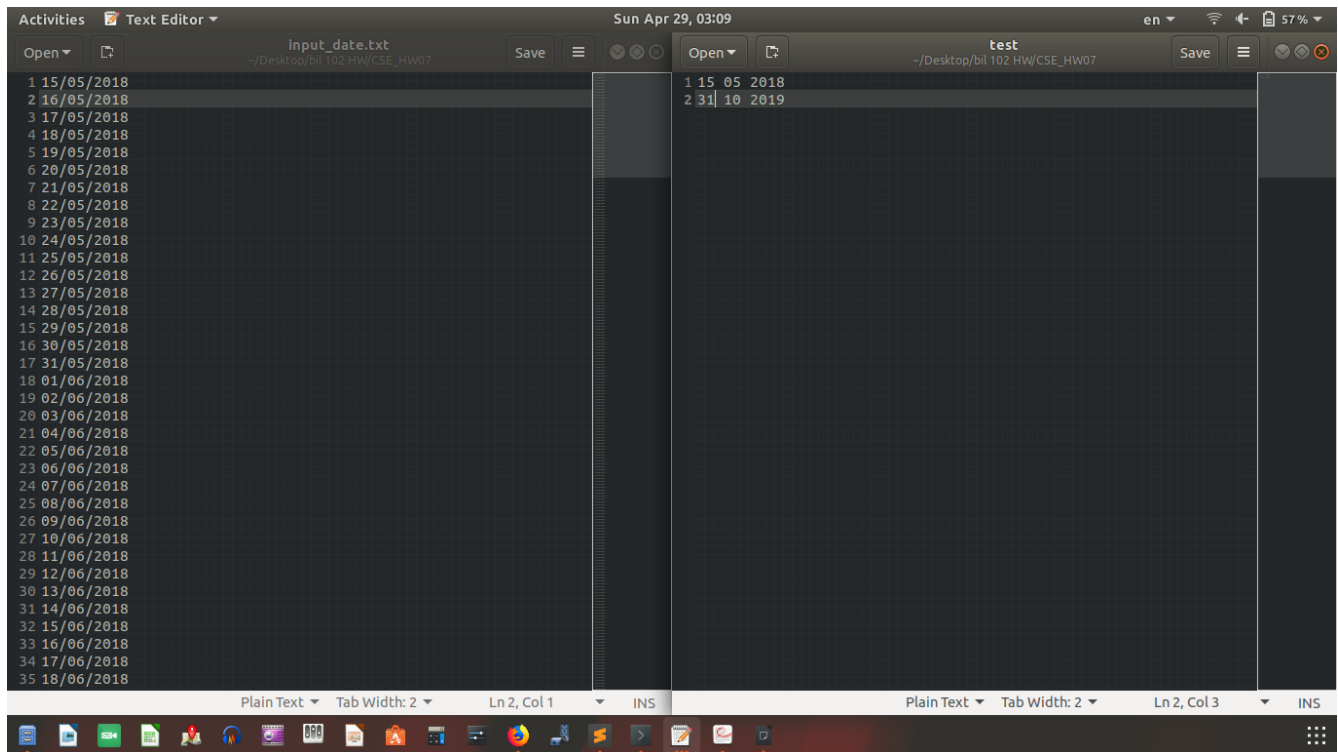
as we can see in the down screen shot also the same but in this time the end of the desired date has shown. i have used some manually steps to print out the zeros in the days and months of the input_date.txt file in my c programming code by treating them as a string .



```
Activities Text Editor Sun Apr 29, 03:00 en 61%
input_date.txt ~/Desktop/bil T02 HW/CSE_HW07 Save
109 07/08/2018
110 08/08/2018
111 09/08/2018
112 10/08/2018
113 11/08/2018
114 12/08/2018
115 13/08/2018
116 14/08/2018
117 15/08/2018
118 16/08/2018
119 17/08/2018
120 18/08/2018
121 19/08/2018
122 20/08/2018
123 21/08/2018
124 22/08/2018
125 23/08/2018
126 24/08/2018
127 25/08/2018
128 26/08/2018
129 27/08/2018
130 28/08/2018
131 29/08/2018
132 30/08/2018
133 31/08/2018
134 01/09/2018
135 02/09/2018
136 03/09/2018
137 04/09/2018
138 05/09/2018
139 06/09/2018
140 07/09/2018
141 08/09/2018
142 09/09/2018
143 10/09/2018
Plain Text Tab Width: 2 Ln 2, Col 1 INS

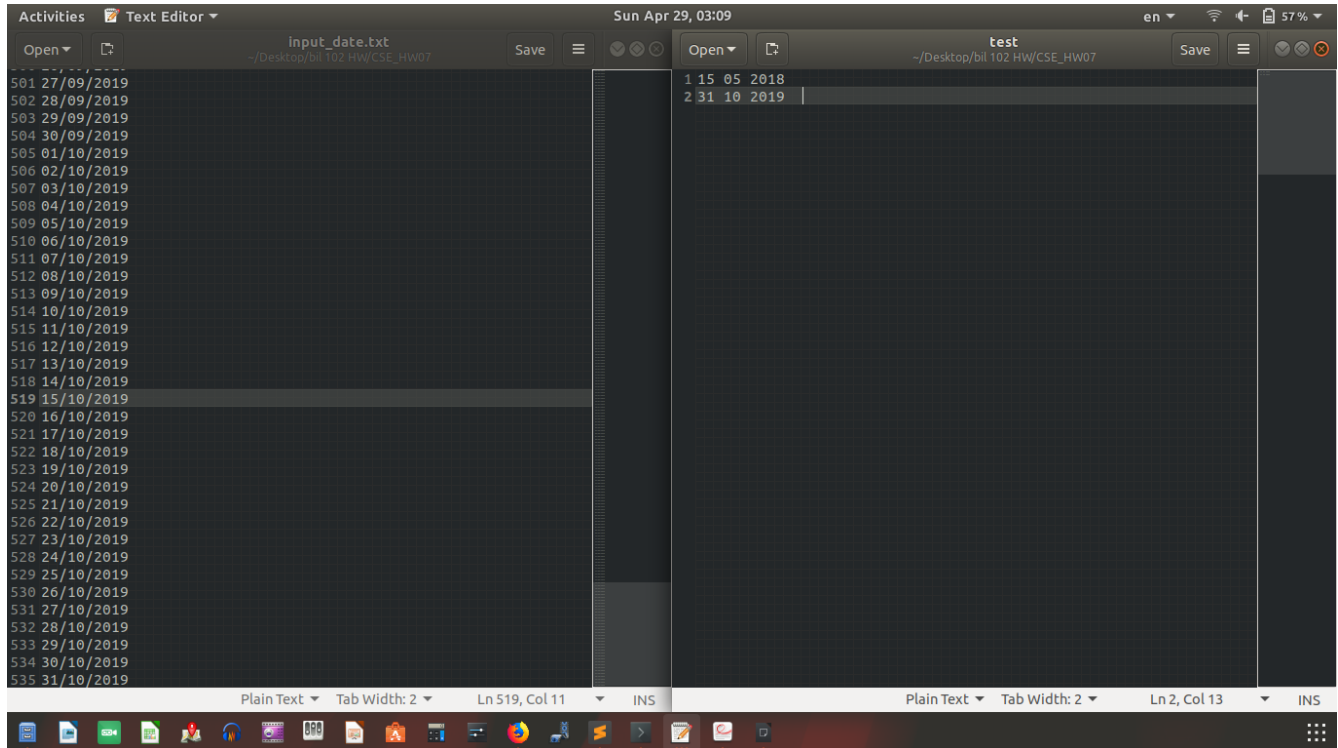
test ~/Desktop/bil T02 HW/CSE_HW07 Save
1 21 04 2018
2 10 09 2018
Plain Text Tab Width: 2 Ln 1, Col 11 INS
```

And here is some more implementation of the same functions for the same porpose but with different values>>>>



The screenshot shows a text editor with two tabs. The left tab, 'input_date.txt', contains a list of dates from '1 15/05/2018' to '35 18/06/2018'. The right tab, 'test', contains two lines of data: '1 15 05 2018' and '2 31 10 2019'. The status bar at the bottom indicates the current line and column for each tab.

File	Line	Column	Text
input_date.txt	1	15	05/2018
	2	16	05/2018
	3	17	05/2018
	4	18	05/2018
	5	19	05/2018
	6	20	05/2018
	7	21	05/2018
	8	22	05/2018
	9	23	05/2018
	10	24	05/2018
	11	25	05/2018
	12	26	05/2018
	13	27	05/2018
	14	28	05/2018
	15	29	05/2018
	16	30	05/2018
	17	31	05/2018
	18	01	06/2018
	19	02	06/2018
	20	03	06/2018
	21	04	06/2018
	22	05	06/2018
	23	06	06/2018
	24	07	06/2018
	25	08	06/2018
	26	09	06/2018
	27	10	06/2018
	28	11	06/2018
	29	12	06/2018
	30	13	06/2018
	31	14	06/2018
	32	15	06/2018
	33	16	06/2018
	34	17	06/2018
	35	18	06/2018
test	1	15	05 2018
	2	31	10 2019



The screenshot shows the same text editor with two tabs. The left tab, 'input_date.txt', now contains dates from '501 27/09/2019' to '535 31/10/2019'. The right tab, 'test', contains the same two lines of data as before: '1 15 05 2018' and '2 31 10 2019'. The status bar at the bottom indicates the current line and column for each tab.

File	Line	Column	Text
input_date.txt	501	27	09/2019
	502	28	09/2019
	503	29	09/2019
	504	30	09/2019
	505	01	10/2019
	506	02	10/2019
	507	03	10/2019
	508	04	10/2019
	509	05	10/2019
	510	06	10/2019
	511	07	10/2019
	512	08	10/2019
	513	09	10/2019
	514	10	10/2019
	515	11	10/2019
	516	12	10/2019
	517	13	10/2019
	518	14	10/2019
	519	15	10/2019
	520	16	10/2019
	521	17	10/2019
	522	18	10/2019
	523	19	10/2019
	524	20	10/2019
	525	21	10/2019
	526	22	10/2019
	527	23	10/2019
	528	24	10/2019
	529	25	10/2019
	530	26	10/2019
	531	27	10/2019
	532	28	10/2019
	533	29	10/2019
	534	30	10/2019
	535	31	10/2019
test	1	15	05 2018
	2	31	10 2019

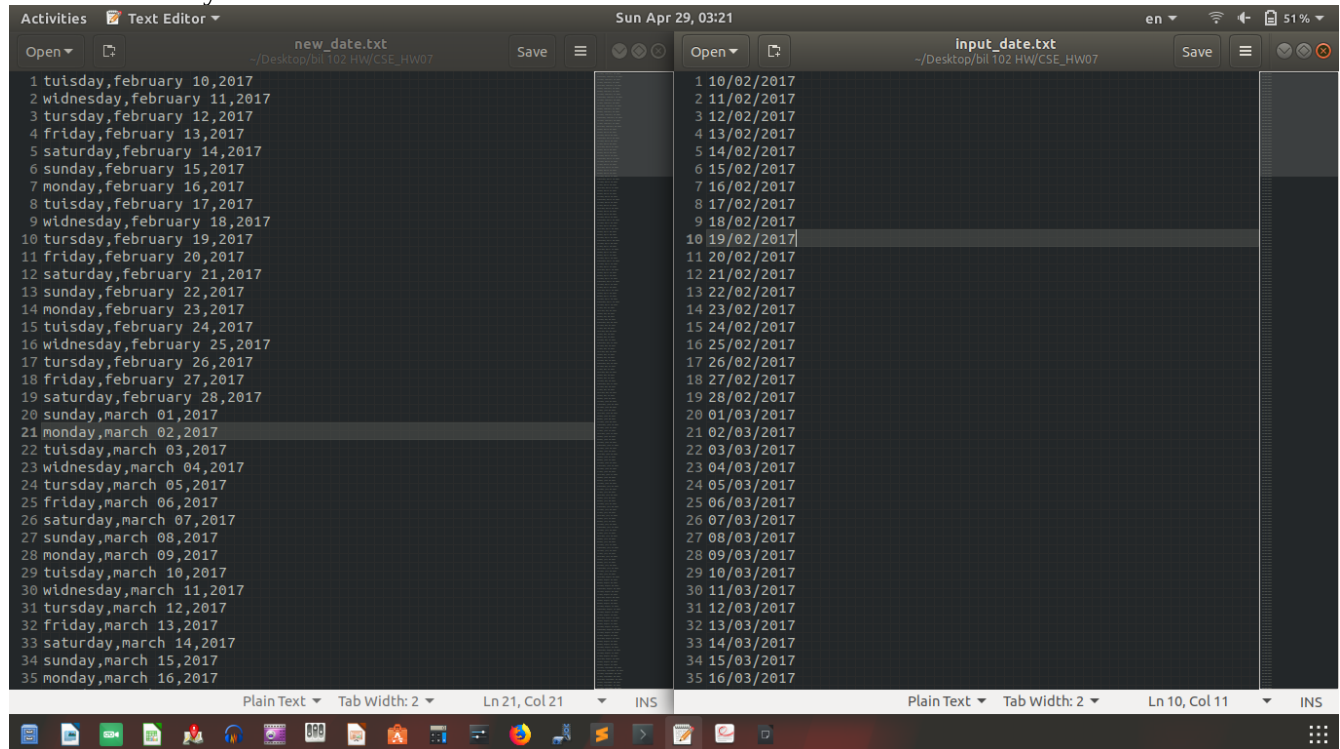
and so one ...

PART02:

and in here I will show some print out of the second part of the hw07:

as we can see in the following picture I have read the contents of the input_date.txt file and according to that I change the format of the date and also not that I used some method to find the start day for any given date automatically by using the zeller's method which very useful in such a function>>>

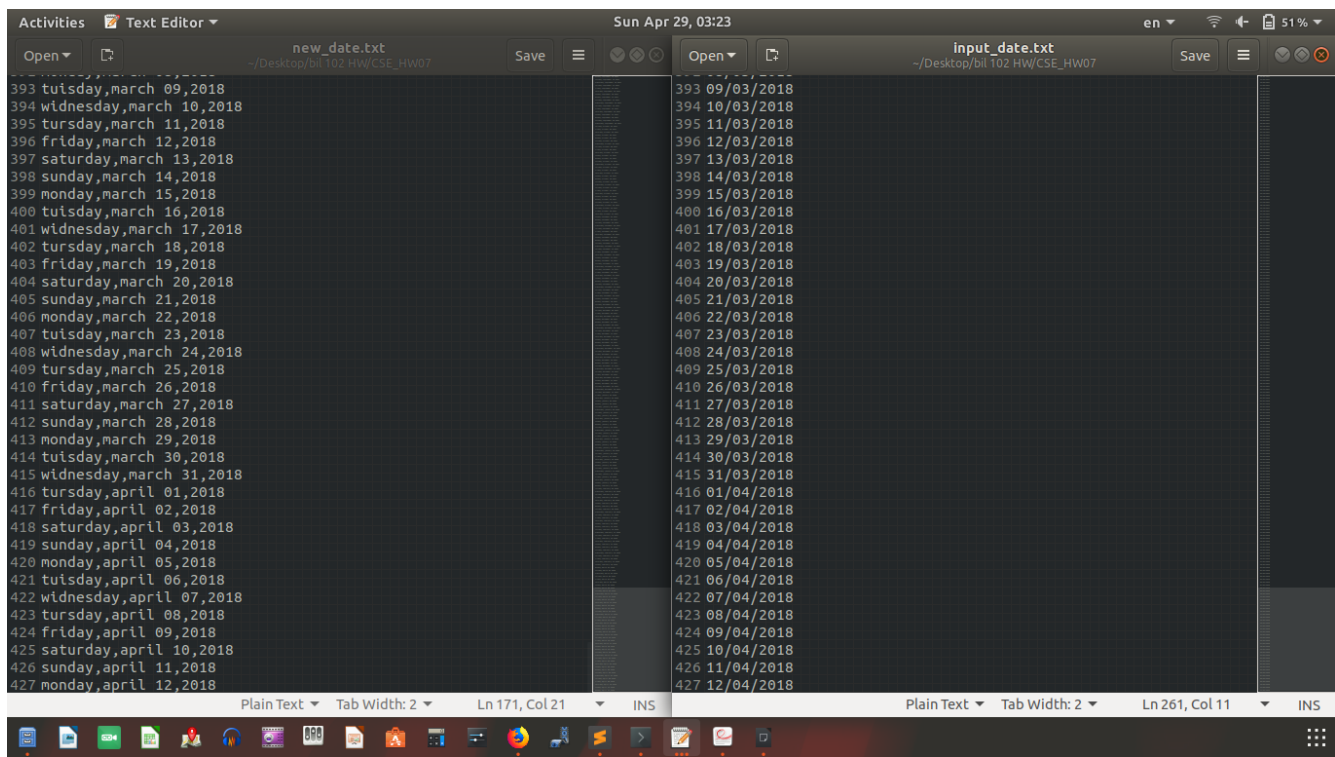
as we can see I have read the date from the file the start date as 10 02 2017 and the end date as 12 02 2018 and the corresponding day for the 10th of the february was in 2017 the tuesday so it started from the tuesday>>>



```
new_date.txt
1 tuesday,february 10,2017
2 wednesday,february 11,2017
3 tuesday,february 12,2017
4 friday,february 13,2017
5 saturday,february 14,2017
6 sunday,february 15,2017
7 monday,february 16,2017
8 tuesday,february 17,2017
9 wednesday,february 18,2017
10 tuesday,february 19,2017
11 friday,february 20,2017
12 saturday,february 21,2017
13 sunday,february 22,2017
14 monday,february 23,2017
15 tuesday,february 24,2017
16 wednesday,february 25,2017
17 tuesday,february 26,2017
18 friday,february 27,2017
19 saturday,february 28,2017
20 sunday,march 01,2017
21 monday,march 02,2017
22 tuesday,march 03,2017
23 wednesday,march 04,2017
24 tuesday,march 05,2017
25 friday,march 06,2017
26 saturday,march 07,2017
27 sunday,march 08,2017
28 monday,march 09,2017
29 tuesday,march 10,2017
30 wednesday,march 11,2017
31 tuesday,march 12,2017
32 friday,march 13,2017
33 saturday,march 14,2017
34 sunday,march 15,2017
35 monday,march 16,2017

input_date.txt
1 10/02/2017
2 11/02/2017
3 12/02/2017
4 13/02/2017
5 14/02/2017
6 15/02/2017
7 16/02/2017
8 17/02/2017
9 18/02/2017
10 19/02/2017
11 20/02/2017
12 21/02/2017
13 22/02/2017
14 23/02/2017
15 24/02/2017
16 25/02/2017
17 26/02/2017
18 27/02/2017
19 28/02/2017
20 01/03/2017
21 02/03/2017
22 03/03/2017
23 04/03/2017
24 05/03/2017
25 06/03/2017
26 07/03/2017
27 08/03/2017
28 09/03/2017
29 10/03/2017
30 11/03/2017
31 12/03/2017
32 13/03/2017
33 14/03/2017
34 15/03/2017
35 16/03/2017
```

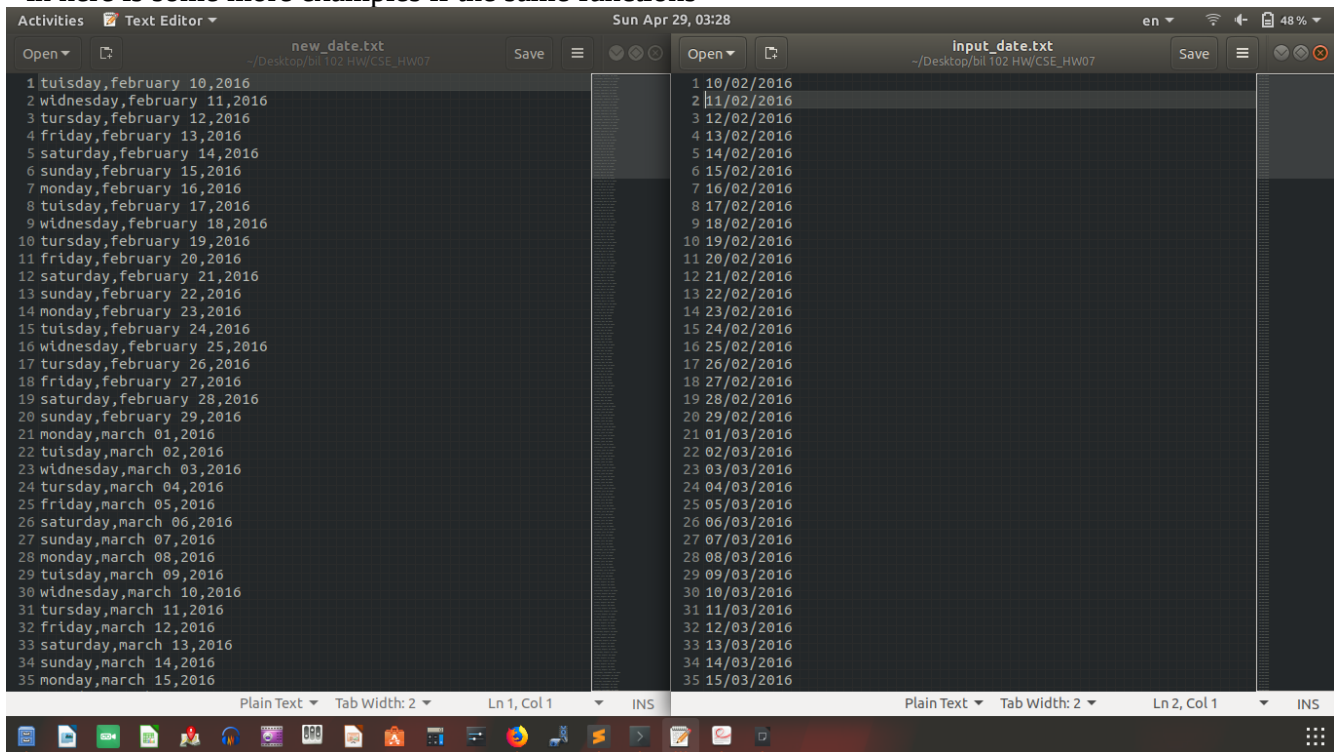
in down screen shot as we can see the same date and in this time I have shown the end of the corresponding date in different format>>>



```
new_date.txt
393 tuesday,march 09,2018
394 wednesday,march 10,2018
395 tuesday,march 11,2018
396 friday,march 12,2018
397 saturday,march 13,2018
398 sunday,march 14,2018
399 monday,march 15,2018
400 tuesday,march 16,2018
401 wednesday,march 17,2018
402 tuesday,march 18,2018
403 friday,march 19,2018
404 saturday,march 20,2018
405 sunday,march 21,2018
406 monday,march 22,2018
407 tuesday,march 23,2018
408 wednesday,march 24,2018
409 tuesday,march 25,2018
410 friday,march 26,2018
411 saturday,march 27,2018
412 sunday,march 28,2018
413 monday,march 29,2018
414 tuesday,march 30,2018
415 wednesday,march 31,2018
416 tuesday,april 01,2018
417 friday,april 02,2018
418 saturday,april 03,2018
419 sunday,april 04,2018
420 monday,april 05,2018
421 tuesday,april 06,2018
422 wednesday,april 07,2018
423 tuesday,april 08,2018
424 friday,april 09,2018
425 saturday,april 10,2018
426 sunday,april 11,2018
427 monday,april 12,2018

input_date.txt
393 09/03/2018
394 10/03/2018
395 11/03/2018
396 12/03/2018
397 13/03/2018
398 14/03/2018
399 15/03/2018
400 16/03/2018
401 17/03/2018
402 18/03/2018
403 19/03/2018
404 20/03/2018
405 21/03/2018
406 22/03/2018
407 23/03/2018
408 24/03/2018
409 25/03/2018
410 26/03/2018
411 27/03/2018
412 28/03/2018
413 29/03/2018
414 30/03/2018
415 31/03/2018
416 01/04/2018
417 02/04/2018
418 03/04/2018
419 04/04/2018
420 05/04/2018
421 06/04/2018
422 07/04/2018
423 08/04/2018
424 09/04/2018
425 10/04/2018
426 11/04/2018
427 12/04/2018
```

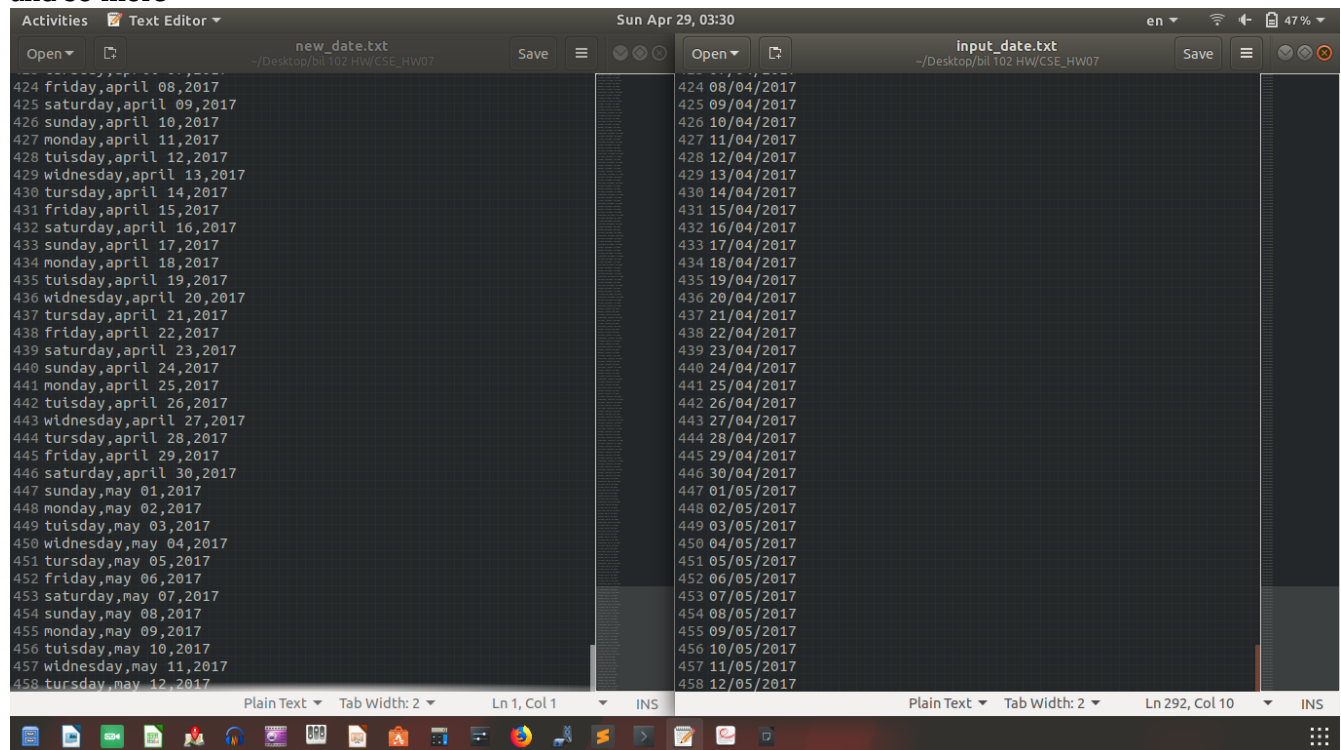
in here is some more examples if the same functions>>>



```
new_date.txt
1 tuesday, february 10, 2016
2 wednesday, february 11, 2016
3 tuesday, february 12, 2016
4 friday, february 13, 2016
5 saturday, february 14, 2016
6 sunday, february 15, 2016
7 monday, february 16, 2016
8 tuesday, february 17, 2016
9 wednesday, february 18, 2016
10 tuesday, february 19, 2016
11 friday, february 20, 2016
12 saturday, february 21, 2016
13 sunday, february 22, 2016
14 monday, february 23, 2016
15 tuesday, february 24, 2016
16 wednesday, february 25, 2016
17 tuesday, february 26, 2016
18 friday, february 27, 2016
19 saturday, february 28, 2016
20 sunday, february 29, 2016
21 monday, march 01, 2016
22 tuesday, march 02, 2016
23 wednesday, march 03, 2016
24 tuesday, march 04, 2016
25 friday, march 05, 2016
26 saturday, march 06, 2016
27 sunday, march 07, 2016
28 monday, march 08, 2016
29 tuesday, march 09, 2016
30 wednesday, march 10, 2016
31 tuesday, march 11, 2016
32 friday, march 12, 2016
33 saturday, march 13, 2016
34 sunday, march 14, 2016
35 monday, march 15, 2016

input_date.txt
1 10/02/2016
2 11/02/2016
3 12/02/2016
4 13/02/2016
5 14/02/2016
6 15/02/2016
7 16/02/2016
8 17/02/2016
9 18/02/2016
10 19/02/2016
11 20/02/2016
12 21/02/2016
13 22/02/2016
14 23/02/2016
15 24/02/2016
16 25/02/2016
17 26/02/2016
18 27/02/2016
19 28/02/2016
20 29/02/2016
21 01/03/2016
22 02/03/2016
23 03/03/2016
24 04/03/2016
25 05/03/2016
26 06/03/2016
27 07/03/2016
28 08/03/2016
29 09/03/2016
30 10/03/2016
31 11/03/2016
32 12/03/2016
33 13/03/2016
34 14/03/2016
35 15/03/2016
```

and so more>>>



```
new_date.txt
424 friday, april 08, 2017
425 saturday, april 09, 2017
426 sunday, april 10, 2017
427 monday, april 11, 2017
428 tuesday, april 12, 2017
429 wednesday, april 13, 2017
430 tuesday, april 14, 2017
431 friday, april 15, 2017
432 saturday, april 16, 2017
433 sunday, april 17, 2017
434 monday, april 18, 2017
435 tuesday, april 19, 2017
436 wednesday, april 20, 2017
437 tuesday, april 21, 2017
438 friday, april 22, 2017
439 saturday, april 23, 2017
440 sunday, april 24, 2017
441 monday, april 25, 2017
442 tuesday, april 26, 2017
443 wednesday, april 27, 2017
444 tuesday, april 28, 2017
445 friday, april 29, 2017
446 saturday, april 30, 2017
447 sunday, may 01, 2017
448 monday, may 02, 2017
449 tuesday, may 03, 2017
450 wednesday, may 04, 2017
451 tuesday, may 05, 2017
452 friday, may 06, 2017
453 saturday, may 07, 2017
454 sunday, may 08, 2017
455 monday, may 09, 2017
456 tuesday, may 10, 2017
457 wednesday, may 11, 2017
458 tuesday, may 12, 2017

input_date.txt
424 08/04/2017
425 09/04/2017
426 10/04/2017
427 11/04/2017
428 12/04/2017
429 13/04/2017
430 14/04/2017
431 15/04/2017
432 16/04/2017
433 17/04/2017
434 18/04/2017
435 19/04/2017
436 20/04/2017
437 21/04/2017
438 22/04/2017
439 23/04/2017
440 24/04/2017
441 25/04/2017
442 26/04/2017
443 27/04/2017
444 28/04/2017
445 29/04/2017
446 30/04/2017
447 01/05/2017
448 02/05/2017
449 03/05/2017
450 04/05/2017
451 05/05/2017
452 06/05/2017
453 07/05/2017
454 08/05/2017
455 09/05/2017
456 10/05/2017
457 11/05/2017
458 12/05/2017
```