

January

2015

Day After New Year's Day (Quebec in Canada, New Zealand, Scotland, Mauritius)

Friday

002-363

Appointments

Dear Diary,

My name is Jas and I am going to show my life.

Here is an example

Take an array $arr = [4, 6, 2, 5, 7, 9, 1, 3]$

pivot = 1st element of array.

4, [New pivot = 4]

Hypothetically, the sorted array is 1, 2, 3, 4, 5, 6, 7, 9. the pivot is at 4th position

Now put the pivot in its correct place & send the smaller elements of pivot to left side & larger elements to right side

→ 2, 1, 3, 4, 6, 5, 9, 7.

January

MTWTFSS
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20 21 22 23 24 25
26 27 28 29 30 31

3

Saturday

003-362

The Prophet's Birthday (Milled in Han)

Appointments

Take left array - 2, 1, 3

these pivot = 2.

place the pivot in its correct place

2 send smaller elements

of pivot to left side & larger elements of pivot to right side.

→ 1, 2, 3

00 left & right array

we can consider it as a single element of Sunday

Now update it in the main array.

1, 2, 3, 4, 6, 5, 9, 7

Now update right array. 6, 5, 9, 7

Now hypothetically put the pivot in its place

elements less than pivot on left & the elements greater than pivot on right.

February

MTWTFSS
1 2 3 4 5 6 7 8
9 10 11 12 13 14 15 16 17 18 19 20 21 22
23 24 25 26 27 28

→ 5, 6, 9, 7