

September

36th Week 2016

03 Saturday

Day

Pseudo Code



S	M	T	W	T	F	S
4	5	6	7	1	2	3
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

MergeSort (arr, high, low)

```

{
    mid = (low + high) / 2
    if (low >= high) return; // Base case
    mergeSort (arr, low, mid);
    mergeSort (arr, mid + 1, high);
    Merge (arr, low, mid, high);
}

```

2 Merge (arr, low, mid, high) {

```

    temp = [ ]
    while (
        int left = 0
        int right = mid + 1

```

while (left <= mid && right <= high)

```

{
    if (arr[left] <= arr[right])

```

```

    {
        temp.add (arr[left])

```

left++

}

```

    else {
        temp.add (arr[right])

```

right++

}

}

while (left <= mid)

```

{
    temp.add (arr[left])

```

Left++

Lost time is never found again

October

S	M	T	W	T	F	S
30	31					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

2016



September

2016 37th Week

Monday 05

while (right <= high)

```

{
    temp.add (temp.add (right));

```

right++

Tuesday 06

Confess that you were wrong yesterday, it will show that you are wise today.