

	M	T	W	T	F	S	S
	1	2	3
APRIL	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	.

(Arrays within structure.)

03-03-2011

Thursday
062-303 • Week 09

03

MARCH

Q8. Write a program of previous example (Ex. Q.No-27) by using an array member to represent the three subjects.

Appointments Meetings

main c)

```

{
    struct marks
    {
        int sub[3];
        int total;
    };
    struct marks student [3] = { 45, 67, 81, 0, 75, 53, 69, 0, 57,
                                36, 71, 0 };
    struct marks total;
    int i, j;
    for (i=0; i<=2; i++)
    {
        for (j=0; j<=2; j++)
        {
            student[i].total += student[i].sub[j];
            total.sub[j] += student[i].sub[j];
        }
        total.total += student[i].total;
    }
    printf(" STUDENT TOTAL \n\n");
    for (i=0; i<=2; i++)
        printf(" Student [%d] %d \n", i+1, student[i].total);
    printf("\n SUBJECT TOTAL \n\n");
    for (j=0; j<=2; j++)
        printf(" Subject - %d %d \n", j+1, total.sub[j]);
    printf("\n Grand Total = %d \n", total.total);
}

```

OUTPUT

Freedom can not live where there is injustice

Same as previous output.