

Project Name- Implementation of Calendar

Program Purpose- To print the calendar for a given year

Project Category- Misc, Projects

Pre-requisites- <http://www.geeksforgeeks.org/find-day-of-the-week-for-a-given-date/>

Programming Paradigm Used- Loops, Mathematics of Gregorian Calendar

Example-

Suppose we want to print the calendar of 2016.

Below is the calendar of 2016

2016

JANUARY

SUNDAY

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

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FEBRUARY

SUNDAY

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

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MARCH

SUNDAY

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

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APRIL

SUNDAY

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

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MAY

SUNDAY

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

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JUNE

SUNDAY

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

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JULY

SUNDAY

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

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AUGUST

SUNDAY

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

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SEPTEMBER

SUNDAY

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

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OCTOBER

SUNDAY

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

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NOVEMBER

SUNDAY

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

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DECEMBER

SUNDAY

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

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The program should be such that it can print the calendar of any input year.

Time Complexity- $O(1)$. The time taken doesn't depends on the input year. It is same for any given year.

Auxiliary Space- $O(1)$