

```
(9) #include <stdio.h>
int main () {
    int year, day;
    printf("Enter a year: ");
    scanf("%d", &year);
    day = (year + (year - 1) / 4 - (year - 1) / 100 + (year - 1) / 400) % 7;
    switch (day) {
        case 0:
            printf("January 1, %d is a Sunday.\n", year);
            break;
        case 1:
            printf("January 1, %d is a Monday.\n", year);
            break;
        case 2:
            printf("January 1, %d is a Tuesday.\n", year);
            break;
        case 3:
            printf("January 1, %d is a Wednesday.\n", year);
            break;
    }
```

File Edit Selection View Go Run Terminal Help

Untitled (Workspace)

EXPLORER

UNTITLED (WORKSPACE)

avik.c

fu.exe

grading.c

greatest number.c

hello.c

leap year.c

natural number.c

nested if else.c

odd even greater...

pass fail.c

profit loss.c

rectangle perimete...

seconds to time.c

sum.c

swap.c

swap.exe

switch.c

switch.exe

teenager.c

temp.c

tempCodeRunnerFil...

tempCodeRunnerFil...

ternary operator.c

triangle.c

upper case.c

OUTLINE

No symbols found in document 'Untitled-11'

1#include <stdio.h>

2

3int isLeapyear(int y) {

4return (y % 400 == 0) || (y % 4 == 0 && y % 100 != 0);

5}

6

7int main() {

8int year, days = 0, day;

9

10printf("Enter year: ");

11scanf("%d", &year);

12

13for (int i = 1; i < year; i++) {

14days += isLeapyear(i) ? 366 : 365;

15}

16

17day = days % 7;

18

19char \*weekDays[] = {"Monday", "Tuesday", "Wednesday", "Thursday", "Friday", "Saturday", "Sunday"};

20printf("January 1, %d is %s\n", year, weekDays[day]);

21

22return 0;

23}

24

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

tempCodeRunnerFile.cpp:19:101: warning: ISO C++ forbids converting a string constant to 'char\*' [-Wwrite-strings]

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Enter year: 2024

January 1, 2024 is Monday

PS C:\C language\class.>

Build with agent mode

Let's get started

Add context (#), enter

Build Workspace

Show Config

AI responses may be inaccurate.

Ln 17, Col 21 Spaces: 4 UTF-8 CRLF {} C++