

FileEditSelectionViewGoRunTerminalHelp

c prog

ctof.cifelse.codd.cday5.execc.cday6.cDay7.c

Day7.c > ...

```
1 //Q13: Write a program to input a year and check whether it is a leap year or not using conditional statements.
2 #include<stdio.h>
3 int main() {
4     int year;
5
6     printf("Enter a year: ");
7     scanf("%d", &year);
8
9     if (year % 4 == 0) {
10         if (year % 100 == 0) {
11             if (year % 400 == 0) {
12                 printf("%d is a leap year.\n", year);
13             } else {
14                 printf("%d is not a leap year.\n", year);
15             }
16         } else {
17             printf("%d is a leap year.\n", year);
18         }
19     } else {
20         printf("%d is not a leap year.\n", year);
21     }
22
23     return 0;
24 }
25
```

PROBLEMSOUTPUTDEBUG CONSOLETERMINALPORTS

PS C:\Users\ACER\Desktop\c prog> gcc Day7.c
PS C:\Users\ACER\Desktop\c prog> ./a.exe
Enter a year: 2007
2007 is not a leap year.
PS C:\Users\ACER\Desktop\c prog>

+ ... | [] x

C/C++: ... ✓
cppdbg: da...
powershell
powershell
powershell
cppdbg: da...
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cppdbg: Da...
powershell

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FileEditSelectionViewGoRunTerminalHelp

c prog

ctof.cifelse.codd.cday5.execc.cloop.cday5.cday6.cDay7.cpo.c

po.c > main()

```
3 int main(){
4     char alpahabet;
5
6     printf("Input a character :");
7     scanf("%c",&alpahabet);
8     printf("The character is %c\n",alpahabet);
9
10    if(alpahabet=='a' || alpahabet=='e' || alpahabet=='i' || alpahabet=='o' || alpahabet=='u' || alpahabet=='A' || alpahabet=='E' || alpahabet=='I' || alpahabet=='O' || alpahabet=='U'){
11        printf("This is a vowel");}
12    else{
13        printf("This is a consonant");
14    }
15    return 0;
16 }
17
```

PROBLEMSOUTPUTDEBUG CONSOLETERMINALPORTS

```
PS C:\Users\ACER\Desktop\c prog> gcc po.c
PS C:\Users\ACER\Desktop\c prog> ./a.exe
Input a character :stupid
The character is s
This is a consonant
PS C:\Users\ACER\Desktop\c prog>
```

+ ...

powershell

cppdbg: da...

powershell

cppdbg: Da...

powershell

cppdbg: po...

powershell

powershell

powershell

C/C++: gcc.exe build and debug active file (c prog)

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