

A screenshot of a Windows desktop environment showing a code editor window. The window title is "TDM-GCC 4.9.2 64-bit Profiling". The code editor displays a C++ program with syntax highlighting. The code is as follows:

```
#include<stdio.h>
int main()
{
    int x,i;
    for(i=1;i<3;i++)
    {
        printf("\n enter x");
        scanf("%d",&x);
        if(x>0)
            printf("positive");
        else
            printf("non positive");
    }
}
```

The line "printf("positive");" is highlighted in blue. To the right of the code editor, the text "Q1" is displayed in large blue letters.

The screenshot shows the same code editor window, but the "Compile Log" tab is now selected. The log output is as follows:

```
sources Compile Log Debug Find Results Close
Message
In function 'int main()':
[Error] expected ';' before ')' token
[Error] expected ')' before 'choice'
```

The status bar at the bottom of the screen shows the file path "C:\Users\ell\Desktop\Switch.cpp", the current line "Line 10 of 14", and the total length "Length: 186".

ject Execute Tools AStyle Window Help

(globals)

[\*] Assign 3.cpp Ass 3 Q2.cpp Ass 3 Q3.cpp Ass3 Q4.cpp Ass 3 Q5.cpp Ass 3 Q6.cpp Ass 3 Q7.cpp [\*] Ass 3 Q8.cpp Ass 3Q9.cpp Switch.cpp

```
1 #include<stdio.h>
2 int main()
3 {
4     int x,i;
5     for(i=1;i<=5;i++)
6     {
7         printf("\n enter x");
8         scanf("%d",&x);
9         if(x%5==0)
10            printf("divisible by 5");
11        else
12            printf("not divisible by 5");
13    }
14 }
```

Q2

Resources Compile Log Debug Find Results Close

Message

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In function 'int main()':  
[Error] expected ';' before ')' token  
[Error] expected ';' before 'choice'

2 Col 0 Lines: 14 Length: 204 Insert Done parsing in 0.018 seconds

Execute Tools AStyle Window Help

(globals)

ssign 3.cpp Ass 3 Q2.cpp Ass 3 Q3.cpp Ass3 Q4.cpp Ass 3 Q5.cpp Ass 3 Q6.cpp Ass 3 Q7.cpp [\*] Ass 3 Q8.cpp Ass 3Q9.cpp Switch.cpp

```
1 #include<stdio.h>
2 int main()
3 {
4     int x;
5     printf("enter no.");
6     scanf("%d",&x);
7     if(x%2==0)
8         printf("even no.");
9     else
10        printf("odd no.");
11 }
```

Q3

Sources Compile Log Debug Find Results Close

Message

In function 'int main()':

[Error] expected ';' before '{' token  
[Error] expected ';' before 'choice'

Dell\Desktop\Switch.cpp  
Dell\Desktop\Switch.cpp  
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Dell\Desktop\Switch.cpp  
Dell\Desktop\Switch.cpp

Col 0 Lines 11 Length 150 Insert Done parsing in 0.016 seconds

```
1 #include<stdio.h>
2 int main()
3 {
4     int x,y;
5     printf("enter x");
6     scanf("%d",&x);
7     y=x&1;
8     if(y==1)
9         printf("odd");
10    else
11        printf("even no.");
12 }
```

Message

In function 'int main()':

- [Error] expected ';' before ';' token
- [Error] expected ';' before 'choice'

Done parsing in 0.016 seconds

3 digit no.cpp - DEV-C++ 5.11

Project Execute Tools AStyle Window Help

(globals)

[\*] 3 digit no..cpp uppercase.cpp lowercase.cpp triangle.cpp days.cpp

```
1 #include<stdio.h>
2 int main()
3 {
4     int x;
5     printf("enter no.");
6     scanf("%d",&x);
7     if(x>99 && x<1000)
8         printf("3 digit no.");
9     else
10        printf("not a 3 digit no.");
11 }
```

Q5

resources Compile Log Debug Find Results Close

Compilation results...

- Errors: 0  
- Warnings: 0  
- Output Filename: C:\Users\DELL\Desktop\days.exe  
- Output Size: 152.5712890625 KiB  
- Compilation Time: 0.33s

Downloads in 0.015 seconds

File 0 Lines 11 Length 171 Insert



Project Execute Tools AStyle Window Help

(globals)

[\*] Assign 3.cpp Ass 3 Q2.cpp Ass 3 Q3.cpp Ass3 Q4.cpp Ass 3 Q5.cpp Ass 3 Q6.cpp Ass 3 Q7.cpp [\*] Ass 3 Q8.cpp Ass 3Q9.cpp Switch.cpp

```
1 #include<stdio.h>
2 int main()
3 {
4     int x,y;
5     printf("enter no.");
6     scanf("%d",&x);
7     printf("enter no.");
8     scanf("%d",&y);
9     if(x>y)
10    printf("x is greatest");
11    else
12    printf("y is greatest");
13 }
```

Q6

Resources Compile Log Debug Find Results Close

Message

In function 'int main()':

[Error] expected ';' before '}' token  
[Error] expected ';' before 'choice'

Users\DELL\Desktop\Switch.cpp  
Users\DELL\Desktop\Switch.cpp  
Users\DELL\Desktop\Switch.cpp  
Users\DELL\Desktop\Switch.cpp  
Users\DELL\Desktop\Switch.cpp  
Users\DELL\Desktop\Switch.cpp  
Users\DELL\Desktop\Switch.cpp

Line 12 Length: 201 Insert Done parsing in 0.016 seconds

The screenshot shows the Dev-C++ IDE interface. The title bar reads "Ass 3 Q7.cpp - Dev-C++ 5.11". The menu bar includes "Project", "Execute", "Tools", "AStyle", "Window", and "Help". The toolbar has icons for file operations like Open, Save, and Print. The status bar at the bottom shows "Done parsing in 0 seconds". The code editor window displays the following C++ code:

```
#include<stdio.h>
int main()
{
    int a,b,c,d;
    printf("enter a");
    scanf("%d",&a);
    printf("enter b");
    scanf("%d",&b);
    printf("enter c");
    scanf("%d",&c);
    d=b*b-4*a*c;
    if(d==0)
        printf("real and equal roots");
    else if(d>0)
        printf("real and distinct roots");
    else
        printf("no roots exist");
}
```

A large blue "Q7" watermark is overlaid on the right side of the code editor.

Resources Compile Log Debug Find Results Close

Compilation results...

-----  
- Errors: 0  
- Warnings: 0  
- Output Filename: C:\Users\DELL\Desktop\Ass 3 Q7.exe  
- Output Size: 153.0712890625 KiB  
- Compilation Time: 0.33s



Q8.cpp - Dev-C++ 5.11

Object Execute Tools AStyle Window Help



TDM-GCC 4.9.2 64-bit Profiling

(globals)

[\*] Assign 3.cpp Ass 3 Q2.cpp Ass 3 Q3.cpp Ass3 Q4.cpp Ass 3 Q5.cpp Ass 3 Q6.cpp Ass 3 Q7.cpp [\*] Ass 3 Q8.cpp Ass 3Q9.cpp Switch.cpp

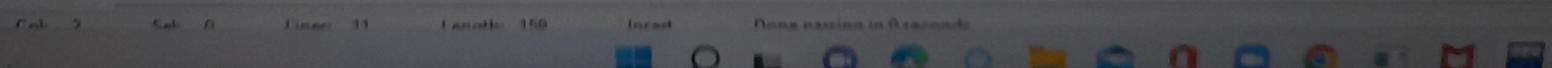
```
1 #include<stdio.h>
2 int main()
3 {
4     int y;
5     printf("enter a");
6     scanf("%d",&a);
7     if(y%400==0)
8         printf("leap year");
9     else
10        printf("not a leap year");
11 }
```

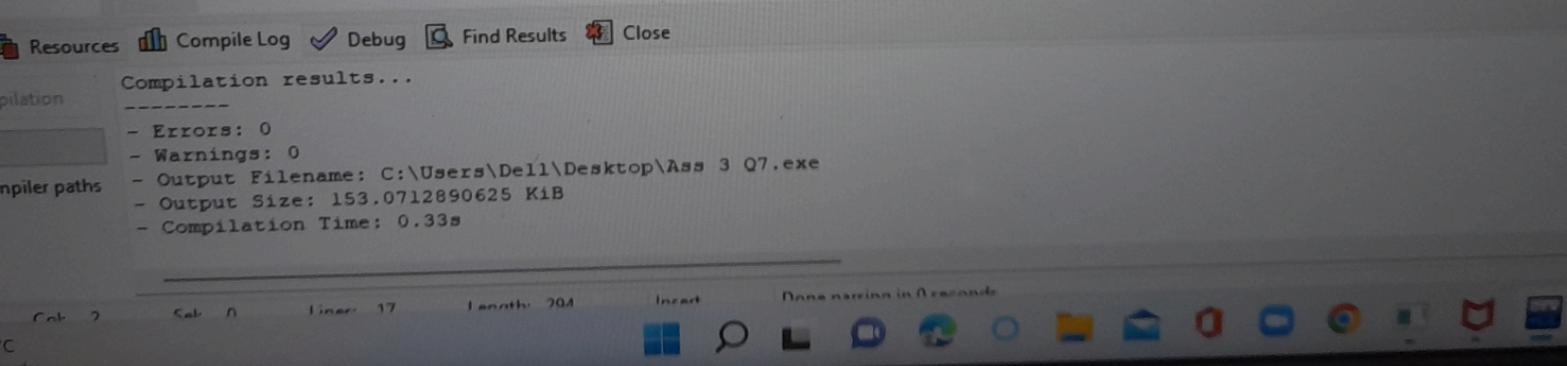
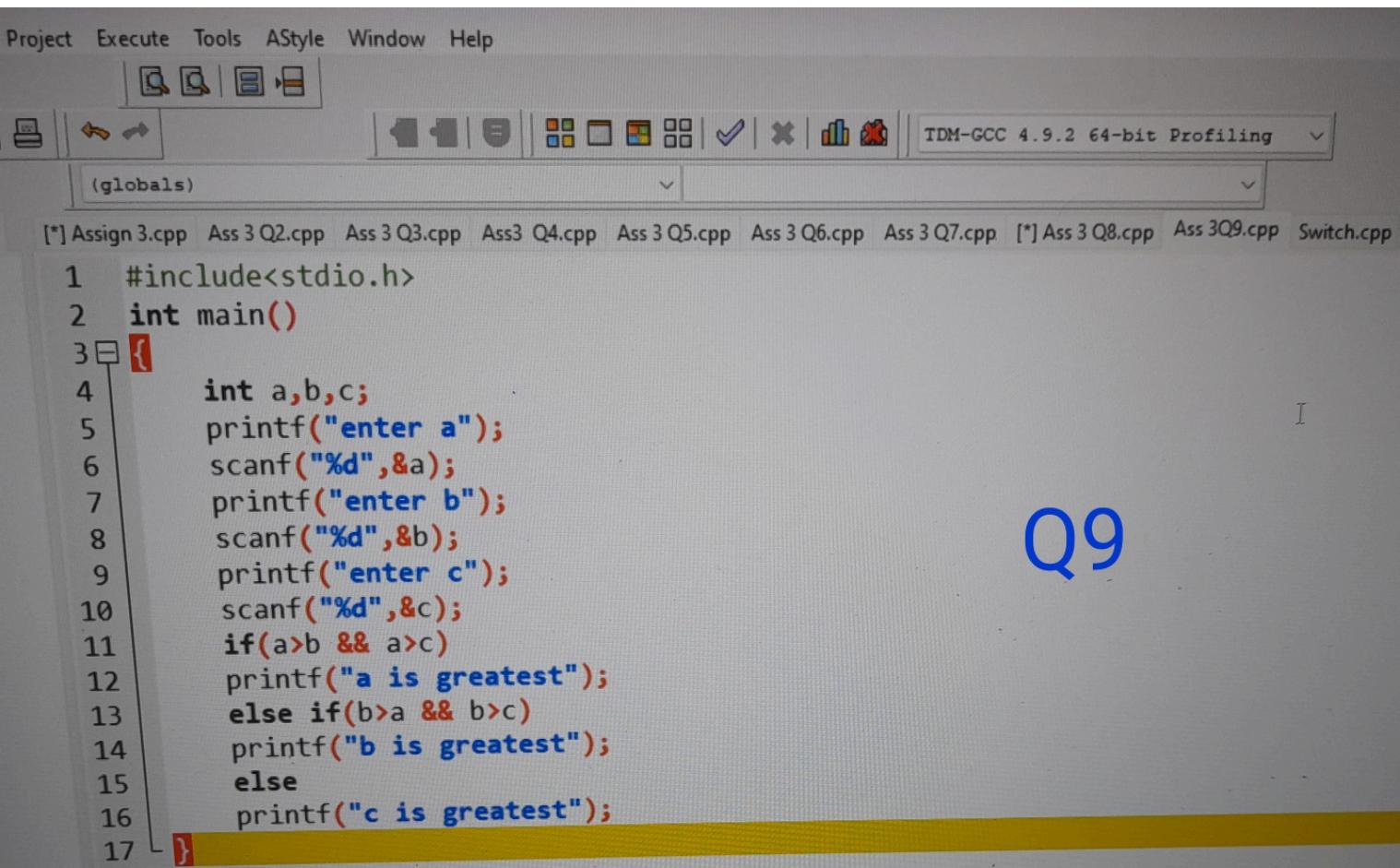
Q8

Resources Compile Log Debug Find Results Close

Compilation results...

```
-----
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\DELL\Desktop\Ass 3 Q7.exe
- Output Size: 153.0712890625 KiB
- Compilation Time: 0.33s
```





it.cpp

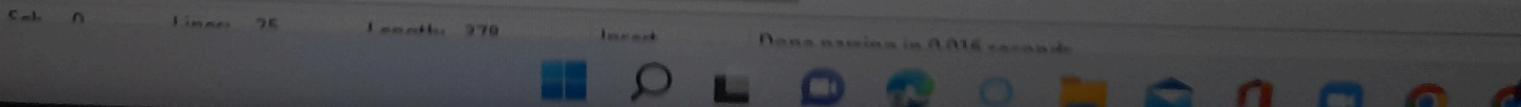
```
#include<stdio.h>
main()
{
    int a,b,c,d,e,f,g,h;
    printf("enter selling price");
    scanf("%d",&a);
    printf("enter cost price");
    scanf("%d",&b);
    if(a>b)
    {
        printf("profit");
        c=(a-b);
        d=c/a;
        e=d*100;
        printf("\n profit percentage is %d",e);
    }
    else
    {
        printf("loss");
        f=(b-a);
        g=f/a;
        h=g*100;
        printf("\n loss percentage is %d",h);
    }
}
```

Q10

Compile Log    Debug    Find Results    Close

Compilation results...

```
-----
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\DELL\Desktop\profit.exe
- Output Size: 153.0712890625 KiB
- Compilation Time: 0.33s
```



globals) TDM-GCC 4.9.2 64-bit Profiling

ks.cpp [\*] lowercase.cpp [\*] divisible.cpp [\*] div by 3 2.cpp [\*] + - 0.cpp [\*] triangle.cpp

```
#include<stdio.h>
int main()
{
    int i,marks;
    for(i=1;i<=5;i++)
    {
        printf("\n enter marks of subject");
        scanf("%d",&marks);
        if(marks>33)
            printf("pass");
        else
            printf(" fail");
    }
}
```

Q11

Sources Compile Log Debug Find Results Close

Compilation results...

- Errors: 0  
- Warnings: 0  
- Output Filename: C:\Users\Dell\Desktop\triangle.exe  
- Output Size: 153.0712890625 KiB  
- Compilation Time: 0.30s

Code Editor Length: 205 Insert Done parsing in 0 seconds

```
#include<stdio.h>
int main()
{
    char c;
    printf("enter letter");
    scanf("%c",&c);
    if((65<=c)&&(c<=90))
        printf("uppercase");
    else if((97<=c)&&(c<=122))
        printf("lowercase");
}
```

Q12

Sources Compile Log Debug Find Results Close

Compilation results...

-----  
- Errors: 0  
- Warnings: 0  
- Output Filename: C:\Users\DELL\Desktop\lowercase.exe  
- Output Size: 153.0712890625 KiB  
- Compilation Time: 0.31s

Ctrl D

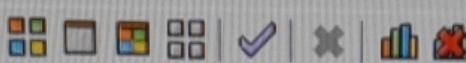
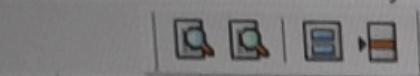
Lines: 11

Length: 190

Insert

Done parsing in 0 seconds





(globals)

[\*] marks.cpp [\*] lowercase.cpp [\*] divisible.cpp [\*] div by 3 &amp; 2.cpp [\*] + - 0.cpp [\*] triangle.cpp

C:\Users\Dell\Desktop\div by 3 &amp; 2.cpp

```

1 #include<stdio.h>
2 int main()
3 {
4     int x,i;
5     printf(" \n enter no.");
6     scanf("%d",& x);
7     if(x%3==0 && x%2==0)
8         printf("divisible by 3 and 2");
9     else if(x%2==0)
10        printf("divisible by 2");
11    else if(x%3==0)
12        printf("divisible by 3");
13    else
14        printf("neither divisible by 3 nor by 2");
15 }
16

```

Q13

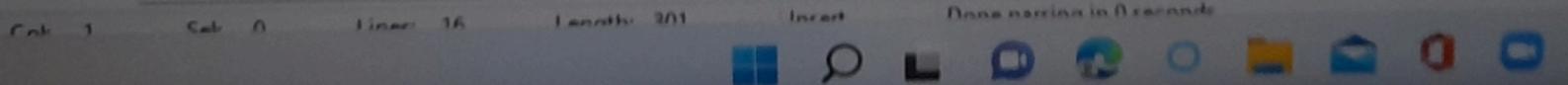
Resources Compile Log Debug Find Results Close

Compilation results...

```

-----
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\Dell\Desktop\triangle.exe
- Output Size: 153.0712890625 Kib
- Compilation Time: 0.30s

```



# Q14

```
#include<stdio.h>
int main()
{
    int x,i;
    printf("\n enter no.");
    scanf("%d",& x);
    if(x%3==0 && x%7==0)
        printf("divisible by 3 and 7");
    else if(x%7==0)
        printf("divisible by 7");
    else if(x%3==0)
        printf("divisible by 3");
    else
        printf("neither divisible by 3 nor by 7");
}
```

sources  Compile Log  Debug  Find Results  Close

### Compilation results

-----

- EKKOKS: 0

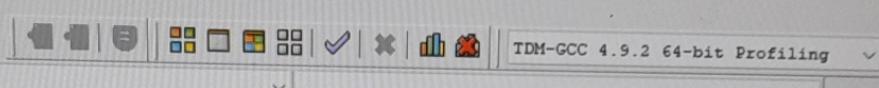
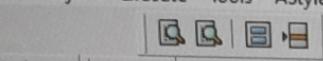
- Warnings: 0

- Output Size: 153,921,286,625 Kib

- Output size: 153.671269

p\+ - 0.cpp - Dev-C++ 5.11

File Project Execute Tools AStyle Window Help



TDM-GCC 4.9.2 64-bit Profiling

(globals)

[\*] marks.cpp [\*] lowercase.cpp [\*] divisible.cpp [\*] div by 3 2.cpp [\*] + - 0.cpp [\*] triangle.cpp

```
1 #include<stdio.h>
2 int main()
3 {
4     int i,x;
5     printf(" \n enter no.");
6     scanf("%d",& x);
7     if(x>0)
8         printf("positive");
9     else if(x<0)
10        printf("negative");
11    else
12        printf("zero");
13
14 }
```

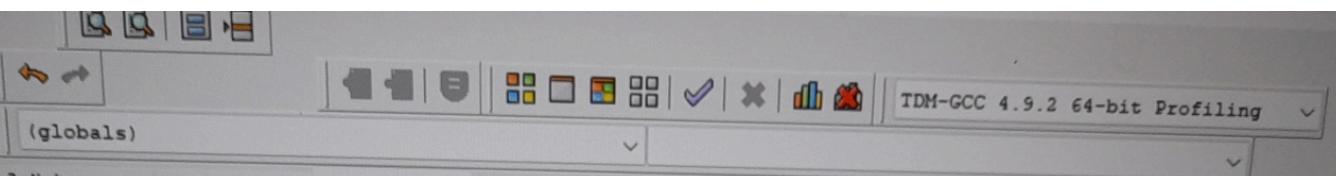
Q15

Resources Compile Log Debug Find Results Close

Compilation results...

```
-----
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\Dell\Desktop\triangle.exe
- Output Size: 153.0712890625 KiB
- Compilation Time: 0.30s
```





Debug [ \* ] 3 digit no..cpp uppercase.cpp lowercase.cpp triangle.cpp days.cpp

```
1 #include<stdio.h>
2 int main()
3 {
4     char c;
5     printf("enter letter");
6     scanf("%c",&c);
7     if((65<=c)&&(c<=90))
8         printf("uppercase");
9     else if((97<=c)&&(c<=122))
10        printf("lowercase");
11    else if((0<=c)&&(c>=9))
12        printf("digit");
13    else
14        printf("special character");
15 }
```

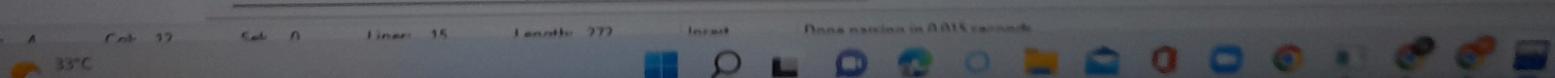
Q16

Compiler Resources Compile Log Debug Find Results Close

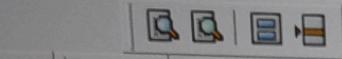
horten compiler paths

Compilation results...

-----  
- Errors: 0  
- Warnings: 0  
- Output Filename: C:\Users\DELL\Desktop\days.exe  
- Output Size: 152.5712890625 KiB  
- Compilation Time: 0.33s



Project Execute Tools AStyle Window Help



TDM-GCC 4.9.2 64-bit Profiling

(globals)

[\*] 3 digit no..cpp uppercase.cpp lowercase.cpp triangle.cpp days.cpp

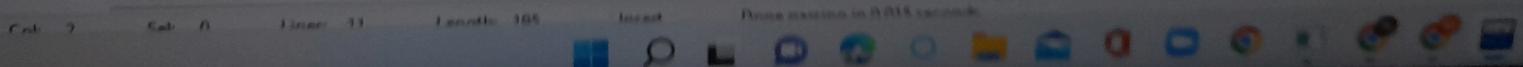
```
1 #include<stdio.h>
2 int main()
3 {
4     int a,b,c;
5     printf("\n enter a,b,c");
6     scanf("%d%d%d",&a,&b,&c);
7     if((a+b>c)&&(b+c>a)&&(c+a>b))
8         printf("triangle");
9     else
10        printf("not a triangle");
11 }
```

Q17

Resources Compile Log Debug Find Results Close

Compilation results...

```
-----
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\DELL\Desktop\days.exe
- Output Size: 152,5712890625 KiB
- Compilation Time: 0.33s
```



digit no..cpp uppercase.cpp lowercase.cpp triangle.cpp days.cpp

```
#include<stdio.h>
int main()
{
    int x;
    printf("enter month");
    scanf("%d",&x);
    if(x==1,3,5,7,8,10,12)
        printf("31 days");
    else if(x==4,6,9,11)
        printf("30 days");
    else if(x==2)
        printf("28 days");
}
```

Q18

Compile Log Debug Find Results Close

Compilation results...

```
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\Del\Desktop\days.exe
- Output Size: 152.5712890625 KiB
- Compilation Time: 0.33s
```

Cal 0 Lines: 14 Length: 218 Insert Pause execution in 0.015 seconds