

task no 9

```
1 #include<stdio.h>
2 int main(){
3     int day;
4     //input day number
5     printf("enter a number(1-7)for day of week");
6     scanf("%d",&day);
7     //switch case for days
8     switch(day){
9         case1:
10            printf("monday\n");
11            break;
12        case2:
13            printf("tuesday\n");
14            break;
15        case3:
16            printf("wednesday\n");
17            break;
18        case4:
19            printf("thrusday\n");
20            break;
21        case5:
22            printf("friday\n");
23            break;
24        case6:
25            printf("saturday\n");
26            break;
27        case7:
28            printf("sunday\n");
29            break;
30        default:
31            printf("invalid input");
32    }
33
34    return 0;
35 }
```

```
C:\Users\student25\Desktop\pf theory\task.exe
enter a number(1-7)for day of week4
invalid input
```

```
Process exited after 6.632 seconds with return value 0
Press any key to continue . . .
```

```
1 #include<stdio.h>
2 int main(){
3     int year,
4         //ask user for a year
5     printf("enter a year.");
6     scanf("%d,& year");
7     //check if Leap year using if- else
8     if("(year%4==0&&year%100!=0)(year %400==0)"){
9         printf("%d is a leap year.\n",year);
10    }
11    else{
12        printf("%d is not a leap year./n", year);
13    }
14    return 0;}
```

task no 8

C:\Users\student25\Desktop\pf theory\task.exe

enter a year.2025
0 is a leap year.

Process exited after 30.84 seconds with return value 0
Press any key to continue . . .

```
1 #include<stdio.h>
2 int main(){
3     int year,
4         //ask user for a year
5     printf("enter a year.");
6     scanf("%d,& year");
7     //check if Leap year using if- else
8     if("(year%4==0&&year%100!=0)(year %400==0)"){
9         printf("%d is a leap year.\n",year);
10    }
11    else{
12        printf("%d is not a leap year./n", year);
13    }
14    return 0;}
```

task no 7

```
C:\Users\student25\Desktop\pf theory\task.exe
enter a year.2025
0 is a leap year.
Process exited after 30.84 seconds with return value 0
Press any key to continue . . .
```

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task.c

```
main() int
1 #include<stdio.h>
2 int main(){
3     int password;
4     int correctpassword =1234;
5     printf("enter the password:");
6     scanf("%d",&password);
7
8     if (password==correctpassword){
9         printf("access granted\n");
10    }else
11    {
12        printf("access denied\n");
13    }
14
15 }
```

Compiler Resources Compile Log Debug Find Results Close

General: MinGW GCC 4.7.2 32-bit Release

Executing gcc.exe...

gcc.exe "C:\Users\User\Dev-Cpp\task.c" -o "C:\Users\User\Dev-Cpp\task.exe" -I"C:\

Compilation succeeded in 0.91 seconds

task no 10

```
C:\Users\User\Dev-Cpp\task
```

C:\Users\User\Dev-Cpp\task.e X + ▾

```
enter the password: 1234
access granted
```

```
Process exited with return value 0
Press any key to continue . . .
```

task no 5

```
task.c
3     int color;
4     printf("enter traffic light color (1 for red, 2 for yellow,3 for green)");
5     scanf("%d",&color);
6     switch(color){
7         case1:
8             printf("action:ready\n");
9             break;
10        case2:
11            printf("action:go\n");
12            break;
13        case 3:
14            printf("action:go\n");
15            break;
16        default:
17            ("print invalid input");
18    }
19    return 0;
```

Sources Compile Log Debug Find Results Close

General: MinGW GCC 4.7.2 32-bit Release

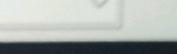
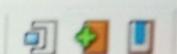
Executing gcc.exe...

gcc.exe "C:\Users\User\Dev-Cpp\task.c" -o "C:\Users\User\Dev-Cpp\task.exe" -I"C:\Program Files (x86)\MinGW\include"

compilation succeeded in 0.25 seconds

Dev-Cpp\task.c - [Executing] - Dev-C++ 5.5.1

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C:\Users\User\Dev-Cpp\task.e X + | v

```
enter traffic light color (1 for red, 2 for yellow,3 for green)3
action:go
```

```
Process exited with return value 0
Press any key to continue . . . |
```

task no 4

The screenshot shows the Dev-C++ IDE interface. The code editor window displays a C program named 'task.c'. The code prompts the user for a score and prints the corresponding grade based on the score. A tooltip from the CRTIMP library is shown over the 'scanf' function call. Below the code editor is a toolbar with various icons. The status bar at the bottom shows the file size as 1.1044921875 KB.

```
1 #include<stdio.h>
2 int main(){
3     int score;
4     //ask for the student's score
5     printf("enter the students score:");
6     scanf("%d", &score);
7     _CRTIMP int __cdecl __MINGW_NOTHROW scanf (const char*, ...)
8     if(score>=90){
9         printf("grade:A\n");
10    }
11    else if(score>=80){
12        printf("grade:B\n");
13    }else if(score>=70){
14        printf("grade:C\n");
15    }else if(score>=60){
16        printf("grade:D\n");
17    }else{
```

Resources Compile Log Debug Find Results Close

General: MinGW GCC 4.7.2 32-bit Release
Executing gcc.exe...
gcc.exe "C:\Users\User\Dev-Cpp\task.c" -o "C:\Users\User\Dev-Cpp\task.exe" -I"C:\Program Files (x86)\MinGW\include"
Compilation succeeded in 0.25 seconds

The screenshot shows the terminal window of the Dev-C++ IDE. It displays the output of the program 'task.c'. The user enters '90' as the score, and the program outputs 'grade:A'. At the end of the output, there is a standard Windows-style message: 'Process exited with return value 0' followed by 'Press any key to continue . . .'.

```
main C:\Users\User\Dev-Cpp\task.c + v
enter the students score: 90
grade:A

-----
Process exited with return value 0
Press any key to continue . . .
```