

Nabil 01 tmp1.c - Code::Blocks 20.03

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<global> main(): int

```
1 #include<stdio.h>
2
3 int main()
4 {
5     int x , y , z;
6
7     scanf("%d%d%d",&x,&y,&z);
8
9     if (x>y&&x>z)
10    {
11        printf("%d is Maximum\n",x);
12    }
13    else if (y>z&&y>x)
14    {
15        printf("%d is Maximum\n",y);
16    }
17    else
18    {
19        printf("%d is Maximum\n",z);
20    }
21
22    if (x<y&&x<z)
23    {
24        printf("%d is Minimum\n",x);
25    }
26    else if (y<z&&y<x)
27    {
28        printf ("%d is Minimum\n",y);
29    }
30
31    else
32    {
33        printf ("%d is Minimum\n",z);
34    }
35
36    return 0;
37 }
```

Logs & others

Code::Blocks Search results Cccc Build log Build messages CppCheck/Vera++ CppCheck/Vera++ messages Cscope Debugger

File	Line	Message
		=== Build file: "no target" in "no project" (compiler: unknown) ===
		=== Build finished: 0 error(s), 0 warning(s) (0 minute(s), 0 second(s)) ===

G:\My Drive\Varsity 2023\CSE central\UITs\Code\SPL Lab (B55 088)\tmp\Nab... C/C++ Windows (CR+LF) WINDOWS-1252 Line 14, Col 4, Pos 173 Insert Read/Write default

"G:\My Drive\Varsity 2023\CS x + v

```
3 1 2
3 is Maximum
1 is Minimum

Process returned 0 (0x0)   execution time : 8.568 s
Press any key to continue.
```

Q. Write a C program to take input of three numbers and find the maximum and minimum number among them

```
1  #include<stdio.h>
2
3  int main()
4  {
5      int n;
6      scanf("%d", &n);
7      if( n>0)
8      {
9          printf("Positive\n");
10     }
11     else if(n<0)
12     {
13         printf("Negative\n");
14     }
15     else {
16         printf("0");
17     }
18     if(n%2==0)
19     {
20         printf("Even");
21     }
22     else {
23         printf("Odd");
24     }
25     return 0;
26 }
27
28
29
30
31
32
```

55  
Positive  
Odd  
Process returned 0 (0x0) execution time : 3.272 s  
Press any key to continue.

Q. Write a C program to take input of a number and the number is positive, negative, or zero and the number is odd or even.

Nabil 03 tmp1.c - Code::Blocks 20.03

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<global> main(): int

```
1 #include<stdio.h>
2
3 int main()
4 {
5     char a;
6
7     scanf ("%c" , &a);
8
9     if (a>='A'&&a<='z')
10     {
11         printf("Alphabet");
12     }
13     else if (a>='0'&&a<='9')
14     {
15         printf("Digit");
16     }
17     else {
18         printf("Symbol");
19     }
20
21     return 0;
22 }
23
24
25
```

Logs & others

Code::Blocks Search results Cccc Build log Build messages CppCheck/Vera++ CppCheck/Vera++ messages Cscope Debugger

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G:\My Drive\Varsity 2023\CSE central\UTS\Code\SPL Lab (B55 088)\tmp\Nab... C/C++ Windows (CR+LF) WINDOWS-1252 Line 5, Col 2, Pos 36 Insert Read/Write default

"G:\My Drive\Varsity 2023\CS x + v

#  
Symbol  
Process returned 0 (0x0) execution time : 15.866 s  
Press any key to continue.

Q. Write a C program to take input of a character and identify the input symbol is alphabet or digit or other symbol

Nabil 04 tmp1.c - Code::Blocks 20.03

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<global> main(): int

```
1  #include<stdio.h>
2
3  int main()
4  {
5      char n;
6      scanf("%c", &n);
7
8      if (n=='A' || n=='E' || n=='I' || n=='O' || n=='U' || n=='a' || n=='e' || n=='i'
9          || n=='o' || n=='u') {
10         printf("Vowel");
11     }
12     else {
13         printf("Consonent");
14     }
15     return 0;
16
17 }
18
```

Logs & others

File	Line	Message
		=== Build file: "no target" in "no project" (compiler: unknown) ===
		=== Build finished: 0 error(s), 0 warning(s) (0 minute(s), 0 second(s)) ===

G:\My Drive\Varsity 2023\CSE central\UTS\Code\SPL Lab (B55 088)\tmp\Nab... C/C++ Windows (CR+LF) WINDOWS-1252 Line 9, Col 86, Pos 151 Insert Read/Write default

"G:\My Drive\Varsity 2023\CS x + v

a  
Vowel  
Process returned 0 (0x0) execution time : 2.986 s  
Press any key to continue.

Write a C program to take input of a character and identify the character is vowel or consonant.

Nabil 05 tmp1.c - Code::Blocks 20.03

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<global> main() : int

```
1 #include<stdio.h>
2
3 int main()
4 {
5     char n;
6
7     scanf ("%c" , &n);
8
9     if (n>='k' && n<='o')
10     {
11         printf("It's in between");
12     }
13
14     else {
15         printf("It's not");
16     }
17
18     return 0;
19 }
20
21
22
23
```

Logs & others

File	Line	Message
		=== Build file: "no target" in "no project" (compiler: unknown) ===
		=== Build finished: 0 error(s), 0 warning(s) (0 minute(s), 0 second(s)) ===

"G:\My Drive\Varsity 2023\CS x + v

```
1
It's in between
Process returned 0 (0x0)    execution time : 3.290 s
Press any key to continue.
```

Q. Write a C program to input any alphabet and check whether it is in between 'k' to 'o'.

Nabil 06 tmp1.c - Code::Blocks 20.03

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<global> main0 : int

```
1 #include<stdio.h>
2
3 int main()
4 {
5     char n;
6
7     scanf ("%c" , &n);
8
9     if (n>='a' && n<='z')
10     {
11         printf("Lower Case");
12     }
13     else if( n>='A' && n<='Z') {
14         printf("Upper Case");
15     }
16     else{
17         printf("Wrong Information");
18     }
19
20 return 0;
21
22
23
24
25 }
```

Logs & others

File	Line	Message
		=== Build file: "no target" in "no project" (compiler: unknown) ===
		=== Build finished: 0 error(s), 0 warning(s) (0 minute(s), 0 second(s)) ===

G:\My Drive\Varsity 2023\CSE central\UTS\Code\SPL Lab (B55 088)\tmp\Nab... C/C++ Windows (CR+LF) WINDOWS-1252 Line 6, Col 12, Pos 46 Insert Read/Write default

"G:\My Drive\Varsity 2023\CS x + v

F  
Upper Case  
Process returned 0 (0x0) execution time : 5.529 s  
Press any key to continue.

Q. Write a C program to check whether a character is uppercase or lowercase alphabet.

Nabil 07 tmp1.c - Code::Blocks 20.03

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<global>

Management

Projects Files FSymbols

Workspace

```
1 #include<stdio.h>
2
3 int main()
4 {
5     float a,b,c;
6
7     scanf ("%f%f%f", &a, &b, &c);
8
9     if (a+b+c==180 && a!=0)
10    {
11        printf("Valid");
12    }
13
14    else{
15        printf("Wrong Information");
16    }
17
18    return 0;
19 }
```

Logs & others

Code::Blocks Search results Cccc Build log Build messages CppCheck/Vera++ CppCheck/Vera++ messages Cscope Debugger

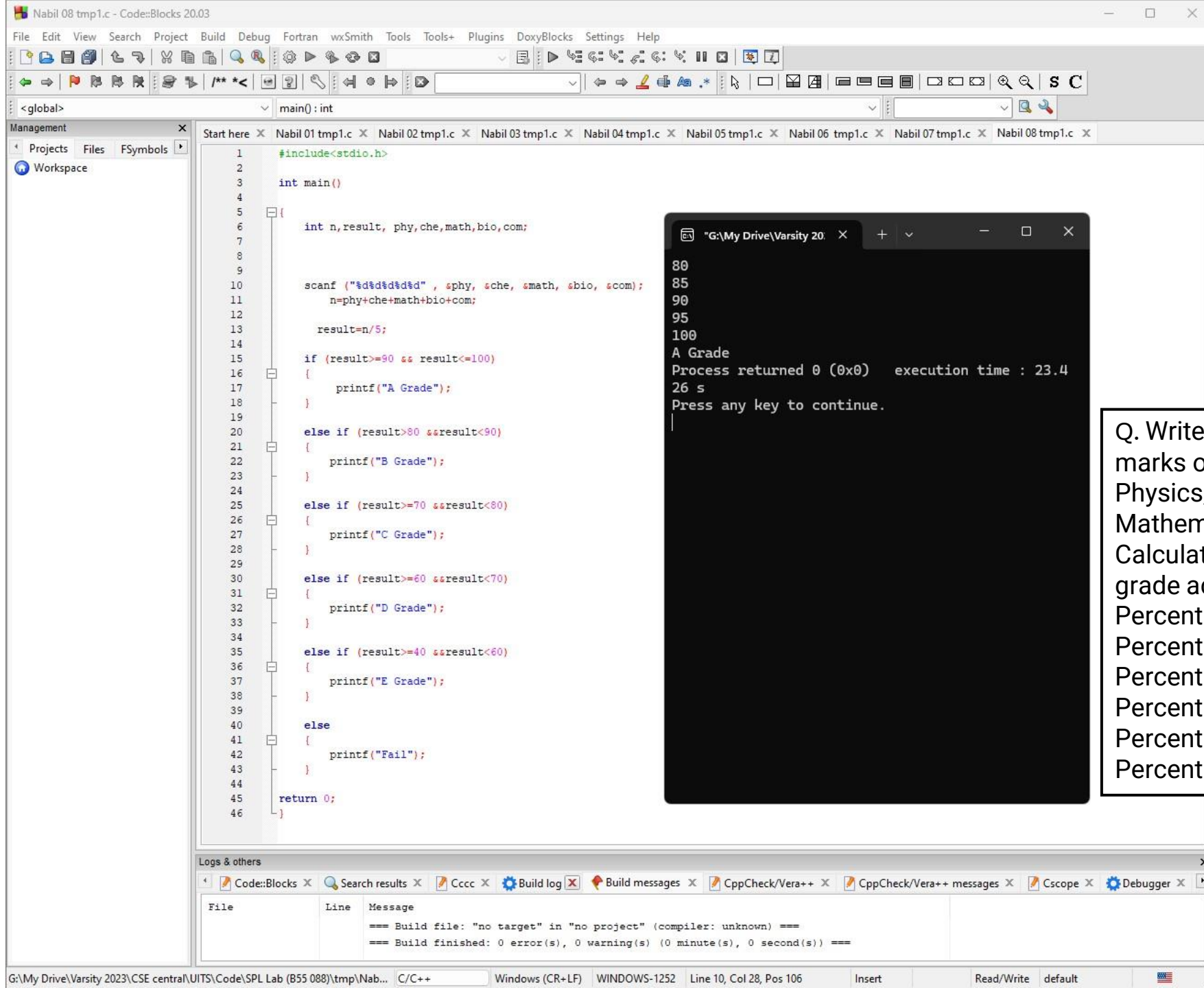
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G:\My Drive\Varsity 2023\CSE central\UITs\Code\SPL Lab (B55 088)\tmp\Nab... C/C++ Windows (CR+LF) WINDOWS-1252 Line 1, Col 1, Pos 0 Insert Read/Write default

"G:\My Drive\Varsity 2023\CS x + v

90  
30  
60  
Valid  
Process returned 0 (0x0) execution time : 17.792 s  
Press any key to continue.

Q. Write a C program to input angles of a triangle and check whether triangle is valid or not.



Q. Write a C program to input marks of five subjects Physics, Chemistry, Biology, Mathematics and Computer. Calculate percentage and grade according to following:  
Percentage  $\geq 90\%$ : Grade A  
Percentage  $\geq 80\%$ : Grade B  
Percentage  $\geq 70\%$ : Grade C  
Percentage  $\geq 60\%$ : Grade D  
Percentage  $\geq 40\%$ : Grade E  
Percentage  $< 40\%$ : Grade F