



main.c - Code::Blocks 20.03

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<global> main() : int

Start here x main.c x

```
22 for (int i=0;i<numStudents;i++) {
23     printf("Enter the name of student %d:",i+1);
24     scanf("%s", names[i]);
25     printf("Enter the score for student %d:",i+1);
26     scanf("%f",&scores[i]);
27     totalScore+=scores[i];
28 }
29
30 averageScore=totalScore/numStudents;
31
32 printf("Students with scores below average:");
33 int belowAverageCount=0;
34 for (int i=0;i<numStudents;i++) {
35     if (scores[i]<averageScore) {
36         belowAverageCount++;
37         printf("%s ",names[i]);
38     }
39 }
40
41 if (belowAverageCount==0) {
42     printf("None");
43 }
44 printf("\n");
45
46 for (int i=0;i<numStudents;i++) {
47     if (scores[i]>highestScore) {
48         highestScore=scores[i];
```

"D:\New folder (2)\project 2\main.exe"

```
Enter the number of students:5
Enter the name of student 1:ahmed
Enter the score for student 1:60
Enter the name of student 2:mohamed
Enter the score for student 2:50
Enter the name of student 3:ali
Enter the score for student 3:80
Enter the name of student 4:mahmoud
Enter the score for student 4:70
Enter the name of student 5:ashraf
Enter the score for student 5:90
Students with scores below average:ahmed mohamed
Average score: 70.000000
Highest test score: 90.000000
Top student: ashraf

Process returned 0 (0x0)   execution time : 57.518 s
Press any key to continue.
```

Logs & others

Code::Blocks x Search results x Cccc x Build log x Build messages x CppCheck/Vera++ x CppCheck/Vera++ messages x Cscope x Debugger x DoxyBlocks x Fortran info x Close

```
Checking for existence: D:\New folder (2)\project 2\main.exe
Executing: "C:\Program Files\CodeBlocks\cb_console_runner.exe" "D:\New folder (2)\project 2\main.exe" (in 'D:\New folder (2)\project 2')
Set variable: PATH=C:\Program Files\CodeBlocks\MinGW\bin;C:\Program Files\CodeBlocks\MinGW\bin;C:\Windows\System32;C:\Windows\System32\wbem;C:\Windows\System32\WindowsPowerShell\v1.0;C:\Windows\System32\OpenSSH;C:\Program Files (x86)\NVIDIA Corporation\PhysX\Common;C:\Program Files\NVIDIA Corporation\NVIDIA NvDLISR;mingw64\bin;C:\Program Files\Git\cmd;C:\Users\hemaj\AppData\Local\Microsoft\WindowsApps;C:\Users\hemaj\AppData\Local\GitHubDesktop\bin
```

New folder (2)\project 2\main.c C/C++ Windows (CR+LF) WINDOWS-1256 Line 17, Col 1, Pos 338 Insert Read/Write default

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36 belowAverageCount++;
37 printf("%s ",names[i]);
38 }
39 }
40
41 if (belowAverageCount==0) {
42 printf("None");
43 }
44 printf("\n");
45
46 for (int i=0;i<numStudents;i++) {
47 if (scores[i]>highestScore) {
48 highestScore=scores[i];
49 topStudentIndex=i;
50 }
51 }
52
53
54 printf("Average score: %f\n",averageScore);
55 printf("Highest test score: %f\n",highestScore);
56 printf("Top student: %s\n",names[topStudentIndex]);
57
58 return 0;
59 }
60
61
62
```

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