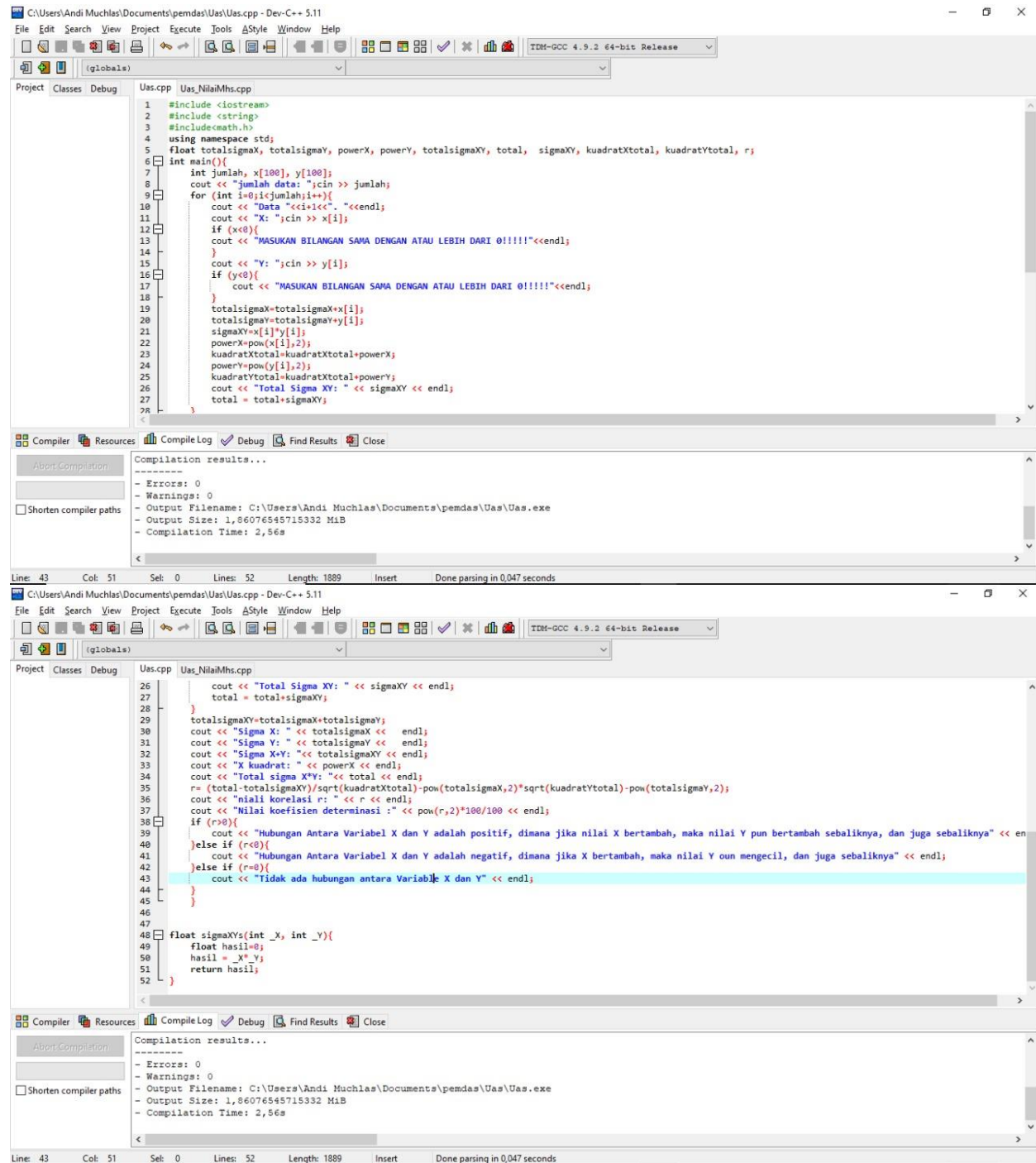


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The image displays two screenshots of a C++ IDE (Dev-C++ 5.11) showing the source code and compilation results for a program named `Uas_NilaiMhs.cpp`.

Top Screenshot: The source code is shown in the editor. It includes headers `<iostream>`, `<string>`, and `<math.h>`. The program uses the `std` namespace and defines variables for totalsigmaX, totalsigmaY, powerX, powerY, totalsigmaXY, total, sigmaXY, kuadratXtotal, kuadratYtotal, and r. The `main` function reads input for 'jumlah data' and 'x' values, calculates the totalsigmaX, totalsigmaY, powerX, powerY, totalsigmaXY, total, sigmaXY, kuadratXtotal, kuadratYtotal, and r. It also checks for zero values and prints the results.

Bottom Screenshot: The source code is shown in the editor, continuing from the top screenshot. It includes the calculation of r, the determination of the relationship between X and Y, and the calculation of sigmaXY. The `main` function prints the results of the calculations.

Compilation Results: The compilation results are shown in the bottom panel. It indicates that the program compiled successfully with 0 errors and 0 warnings. The output filename is `C:\Users\Andi Muchlas\Documents\pemas\Uas\Uas.exe`, the output size is 1,86076545715332 MiB, and the compilation time is 2,56s.

C:\Users\Andi Muchlas\Documents\pemas\Uas\Uas.cpp - [Executing] - Dev-C++ 5.11

File Edit Search View Project Execute Tools AStyle Window Help

TM-GCC 4.9.2 64-bit Release

(globals)

Project Classes

C:\Users\Andi Muchlas\Documents\pemas\Uas\Uas.exe

```
jumlah data: 2
Data 1.
X: 3
Y: 3
Total Sigma XY: 9
Data 2.
X: 1
Y: 5
Total Sigma XY: 5
Sigma X: 4
Sigma Y: 8
Sigma X+Y: 12
X kuadrat: 1
Total sigma X*Y: 14
nilai korelasi r: -158.025
Nilai koefisien determinasi :24971.8
Hubungan Antara Variabel X dan Y adalah negatif, dimana jika X bertambah, maka nilai Y oun mengecil, dan juga sebaliknya

-----
Process exited after 4.189 seconds with return value 0
Press any key to continue . . .
```

Compiler

About Compiler

```
-----
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\Andi Muchlas\Documents\pemas\Uas\Uas.exe
- Output Size: 1,86076545715332 MiB
- Compilation Time: 2,56s
```

Line: 35 Col: 106 Sel: 0 Lines: 52 Length: 1889 Insert Done parsing in 0.047 seconds