

NPM : 2210010097

Nam : Muhammad Junaidi

Kelas : 3B TI Reg BJB Pagi

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PS C:\UJUN\Kuliah\Semester 3\P. Terstruktur\Tugas - 4> & 'c:\Users\abdwa\.vscode\extensions\ms-vscode.cpptools-1.17.5-win32-x64\debugAdapters\bin\WindowsDebugLauncher.exe'
'--stdin=Microsoft-MIEngine-In-kld5ajsj.o1e' '--stdout=Microsoft-MIEngine-Out-x33goxd3.5yb' '--stderr=Microsoft-MIEngine-Error-j2jbqujn.vsx' '--pid=Microsoft-MIEngine-Pid-fn1d4eos.de3' '--dbgExe=C:\Program Files\mingw64\bin\gdb.exe' '--interpreter=mi'
Input Nama Lengkap      : Muhammad Junaidi
Input Semester          : 3
Input npm                : 2210010097
Input Nilai Tugas       : 90
Input Nilai UTS         : 100
Input Nilai UAS         : 90
Input Nilai Presensi    : 80
1001
Nama                     : Muhammad Junaidi
Semester                 : 3
NPM                      : 2210010097
PRODI                   : Teknik Informatika
Nilai Akhir              : 91.5
GRADE                   : A
PS C:\UJUN\Kuliah\Semester 3\P. Terstruktur\Tugas - 4> █
```

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C++ main.cpp X
Tugas - 4 > C++ main.cpp > main()
1  #include <iostream>
2
3  int main() {
4      std::string nama_lengkap;
5      std::string semester;
6      std::string npm;
7      double nilai_tugas;
8      double nilai_uts;
9      double nilai_uas;
10     double nilai_presensi;
11     std::string kode_prodi;
12     std::string prodi;
13     double nilai_akhir;
14     std::string grade;
15
16     std::cout << "Input Nama Lengkap\t: "; std::getline(std::cin, nama_lengkap);
17     std::cout << "Input Semester\t\t: "; std::getline(std::cin, semester);
18     std::cout << "Input npm\t\t\t: "; std::getline(std::cin, npm);
19     std::cout << "Input Nilai Tugas\t: "; std::cin >> nilai_tugas;
20     std::cout << "Input Nilai UTS\t\t: "; std::cin >> nilai_uts;
21     std::cout << "Input Nilai UAS\t\t: "; std::cin >> nilai_uas;
22     std::cout << "Input Nilai Presensi\t: "; std::cin >> nilai_presensi;
23     kode_prodi = npm.substr(2,4);
24
25     std::cout << kode_prodi << std::endl;
26
27     if(kode_prodi == "1001") {
28         prodi = "Teknik Informatika";
29     } else if (kode_prodi == "1002") {
30         prodi = "Sistem Informasi";
31     } else {
32         prodi = "Bukan FTI";
33     }
34
35     nilai_akhir = (0.3 * nilai_tugas) + (0.25 * nilai_uts) + (0.35 * nilai_uas) + (0.1 * nilai_presensi);
36
37     if ((nilai_akhir >= 80) && (nilai_akhir <= 100)) {
38         grade = "A";
39     } else if ((nilai_akhir >= 75) && (nilai_akhir <= 79)) {
40         grade = "B+";
41     } else if ((nilai_akhir >= 70) && (nilai_akhir <= 74)) {
42         grade = "B";
43     } else if ((nilai_akhir >= 65) && (nilai_akhir <= 69)) {
44         grade = "C+";
45     } else if ((nilai_akhir >= 60) && (nilai_akhir <= 64)) {
46         grade = "C";
47     } else if ((nilai_akhir >= 50) && (nilai_akhir <= 59)) {
48         grade = "D";
49     } else if ((nilai_akhir >= 0) && (nilai_akhir <= 49)) {
50         grade = "E";
51     } else if ( nilai_akhir < 0) {
52         grade = "E-";
53     } else if ( nilai_akhir > 100) {
54         grade = "AAA++";
55     }
56
57     std::cout << "Nama\t\t: " << nama_lengkap << std::endl;
58     std::cout << "Semester\t: " << semester << std::endl;
59     std::cout << "NPM\t\t: " << npm << std::endl;
60     std::cout << "PRODI\t\t: " << prodi << std::endl;
61     std::cout << "Nilai Akhir\t: " << nilai_akhir << std::endl;
62     std::cout << "GRADE\t\t: " << grade << std::endl;
63
64 }

```