

C:\Users\user\Desktop\A I S H\CA\3 stage pipelining.cpp - [Executing] - Dev-C++ 5.11

File Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 4.9.2 64-bit Release

(globals)

Project Classes Debug OCTAL TO BINARY.cpp IRD [\*] IRD BOOTH ALGORITHM.cpp BOOTH ALGORITHM.cpp SINGLEPRECISIONREPRESENTATION.cpp 4STAGEPIPELINE.cpp 37.2stagepipeline.cpp 38.2 stage pipelining.cpp 3 stage pipelining.cpp

```
10     return result;
11 }
12
13 // Stage 2
14 int stage2(int data) {
15     // Perform operations in the second stage
16     int result = data + 5;
17     printf("Stage 2 Result: %d\n", result);
18
19     // Pass the result to the next stage
20     return result;
21 }
22
23 // Stage 3
24 void stage3(int data) {
25     // Perform operations in the third stage
26     int finalResult = data - 3;
27     printf("Final Result: %d\n", finalResult);
28 }
29
30 int main() {
31     // Input data for the pipeline
32     int inputData = 10;
33
34     // Start the pipeline with the initial data
35     int result1 = stage1(inputData);
36     int result2 = stage2(result1);
37     stage3(result2);
38
39     return 0;
40 }
```

C:\Users\user\Desktop\A I S H\CA\3 stage pipelining.exe

```
Stage 1 Result: 20
Stage 2 Result: 25
Final Result: 22

-----
Process exited after 6.077 seconds with return value 0
Press any key to continue . . .
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

Processing C++ source file...

```
- C++ Compiler: C:\Program Files (x86)\Dev-Cpp\MinGW64
- Command: g++.exe "C:\Users\user\Desktop\A I S H\CA\3
```

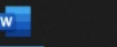
Compilation results...

```
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\user\Desktop\A I S H\CA\3 stage pipelining.exe
- Output Size: 128.5390625 KiB
- Compilation Time: 1.24s
```

Line: 40 Col: 2 Sel: 0 Lines: 40 Length: 882 Insert Done parsing in 0.015 seconds



Type here to search



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15-11-2023