







C:\Users\dileee\Documents\c++ files\4.cpp - [Executing] - Dev-C++ 5.11

File Edit Search View Project Execute Tools AStyle Window Help

(globals)

Project Classes Debug 1.cpp 2.cpp 3.cpp 4.cpp

```
1 #include <iostream>
2 using namespace std;
3
4 int gcd(int a, int b) {
5     if (b == 0) {
6         return a;
7     } else {
8         return gcd(b, a % b);
9     }
10 }
11
12 int main() {
13     int a = 98, b = 56;
14     cout << "GCD of " << a << " and " << b << " is " << gcd(a, b) << endl;
15     return 0;
16 }
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

Shorten compiler paths

Warnings: 0
Output Filename: C:\Users\dileee\Documents\c++ files\4.exe
Output Size: 1.8326301574707 MiB
Compilation Time: 0.91s

Line: 16 Col: 2 Sel: 0 Lines: 16 Length: 298 Insert Done parsing in 0.016 seconds

C:\Users\dileee\Documents\c++

GCD of 98 and 56 is 14

Process exited after 0.07849 seconds with return value 0
Press any key to continue . . .

C:\Users\dileee\Documents\c++ files\5.cpp - [Executing] - Dev-C++ 5.11

File Edit Search View Project Execute Tools AStyle Window Help

Project Classes Debug 1.cpp 2.cpp 3.cpp 4.cpp 5.cpp

```
1 #include <iostream>
2
3 class Employee {
4 public:
5     virtual double calculatePay() const = 0;
6 };
7
8 class Manager : public Employee {
9 public:
10     double calculatePay() const override {
11         return 5000.0;
12     }
13 };
14
15 class Engineer : public Employee {
16 public:
17     double calculatePay() const override {
18         return 30.0 * 40.0;
19     }
20 };
21
22 int main() {
23     Manager manager;
24     Engineer engineer;
25
26     std::cout << "Manager's Pay: $" << manager.calculatePay() << std::endl;
27     std::cout << "Engineer's Pay: $" << engineer.calculatePay() << std::endl;
28
29     return 0;
30 }
```

Manager's Pay: \$5000
Engineer's Pay: \$1200

Process exited after 0.1525 seconds with return value 0
Press any key to continue . . .

Compiler (2) Resources Compile Log Debug Find Results Close

| Line | Col | File | Message |
|------|-----|---|---|
| 10 | 27 | C:\Users\dileee\Documents\c++ files\5.cpp | [Warning] override controls (override/final) only available with -std=c++11 or -std=gnu++11 |
| 17 | 27 | C:\Users\dileee\Documents\c++ files\5.cpp | [Warning] override controls (override/final) only available with -std=c++11 or -std=gnu++11 |

Line: 18 Col: 28 Sel: 0 Lines: 30 Length: 596 Insert Done parsing in 0 seconds



```
Project Classes Debug 1.cpp 2.cpp 3.cpp 4.cpp 5.cpp 7.cpp
4 for (int i = 0; i < size; i++) {
5     cout << arr[i] << " ";
6 }
7 cout << endl;
8 }
9 void printArray(double arr[], int size) {
10     for (int i = 0; i < size; i++) {
11         cout << arr[i] << " ";
12     }
13     cout << endl;
14 }
15
16 void printArray(char arr[], int size) {
17     for (int i = 0; i < size; i++) {
18         cout << arr[i] << " ";
19     }
20     cout << endl;
21 }
22
23 int main() {
24     int intArr[] = {1, 2, 3, 4, 5};
25     double doubleArr[] = {1.1, 2.2, 3.3, 4.4, 5.5};
26     char charArr[] = {'a', 'b', 'c', 'd', 'e'};
27     printArray(intArr, 5);
28     printArray(doubleArr, 5);
29     printArray(charArr, 5);
30
31     return 0;
32 }
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

- Warnings: 0
- Output Filename: C:\Users\dilee\Documents\c++ files\7.exe
- Output Size: 1.83272457122803 MiB
- Compilation Time: 0.94s

☐ Shorten compiler paths

Line: 26 Col: 48 Sel: 0 Lines: 32 Length: 729 Insert Done parsing in 0.015 seconds

The screenshot shows a command prompt window titled 'C:\Users\dilee\Documents\c-'. It displays the output of the program: three lines of data (integers, doubles, and characters) followed by a separator line of dashes and a message indicating the process exited after 0.1444 seconds with return value 0. The prompt asks the user to press any key to continue.

```
C:\Users\dilee\Documents\c-
1 2 3 4 5
1.1 2.2 3.3 4.4 5.5
a b c d e

-----
Process exited after 0.1444 seconds with return value 0
Press any key to continue . . .
```



