

C:\Users\abhigna\Documents\vf 8.cpp - [Executing] - Dev-C++ 5.11

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(globals)

Project Classes Debug [*] vf 1.cpp vf 2.cpp [*] vf 3.cpp [*] vf 4.cpp [*] vf 5.cpp vf 6.cpp vf 7.cpp

```
1  #include <iostream>
2  using namespace std;
3  class Employee {
4  public:
5      virtual float calculatePay() {
6          return 0.0f;
7      }
8  };
9  class Manager : public Employee {
10 public:
11     float calculatePay() override {
12         float fixedSalary = 5000.0f;
13         float bonus = 1000.0f;
14         return fixedSalary + bonus;
15     }
16 };
17 class Engineer : public Employee {
18 public:
19     float calculatePay() override {
20         float hourlyWage = 30.0f;
21         int hoursWorked = 40;
```

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Manager's pay: \$6000
Engineer's pay: \$1200

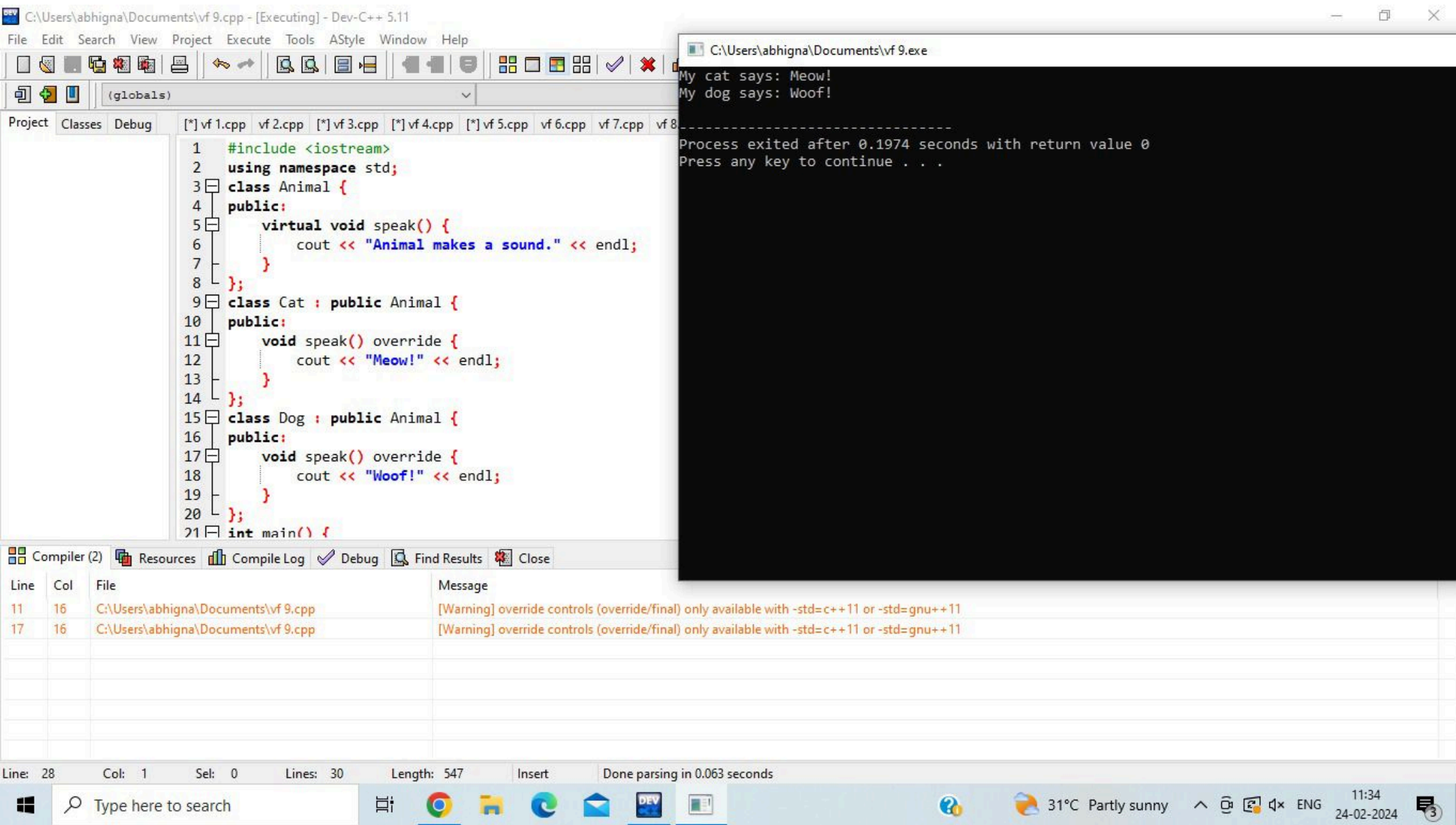
Process exited after 0.2067 seconds with return value 0
Press any key to continue . . .

Compiler (2) Resources Compile Log Debug Find Results Close

Line	Col	File	Message
11	24	C:\Users\abhigna\Documents\vf 8.cpp	[Warning] override controls (override/final) only available with -std=c++11 or -std=gnu++11
19	24	C:\Users\abhigna\Documents\vf 8.cpp	[Warning] override controls (override/final) only available with -std=c++11 or -std=gnu++11

Line: 30 Col: 1 Sel: 0 Lines: 32 Length: 756 Insert Done parsing in 0.047 seconds

Windows taskbar: Type here to search, 31°C Partly sunny, 11:31 24-02-2024



C:\Users\abhigna\Documents\vf 6.cpp - [Executing] - Dev-C++ 5.11

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TDM-GCC 4.

(globals)

Project Classes Debug [*] vf 1.cpp vf 2.cpp [*] vf 3.cpp [*] vf 4.cpp [*] vf 5.cpp vf 6.cpp

```
1  #include <iostream>
2  #include <cmath>
3  using namespace std;
4  class Shape {
5  public:
6      virtual float area() const = 0; // Pure virtual function
7      virtual float perimeter() const = 0; // Pure virtual function
8  };
9  class Rectangle : public Shape {
10 private:
11     float length;
12     float width;
13 public:
14     Rectangle(float l, float w) : length(l), width(w) {}
15     float area() const override {
16         return length * width;
17     }
18     float perimeter() const override {
19         return 2 * (length + width);
20     }
21 };
```

Compiler (4) Resources Compile Log Debug Find Results Close

Line	Col	File	Message
15	18	C:\Users\abhigna\Documents\vf 6.cpp	[Warning] override controls (override/final) only available with -std=c++11 or -std=gnu++11
18	23	C:\Users\abhigna\Documents\vf 6.cpp	[Warning] override controls (override/final) only available with -std=c++11 or -std=gnu++11
29	18	C:\Users\abhigna\Documents\vf 6.cpp	[Warning] override controls (override/final) only available with -std=c++11 or -std=gnu++11
33	24	C:\Users\abhigna\Documents\vf 6.cpp	[Warning] override controls (override/final) only available with -std=c++11 or -std=gnu++11

Line: 44 Col: 1 Sel: 0 Lines: 46 Length: 1321 Insert Done parsing in 0.078 seconds

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```
Area of the rectangle: 24
Perimeter of the rectangle: 20
Area of the triangle: 6
Perimeter of the triangle: 12

-----
Process exited after 0.22 seconds with return value 0
Press any key to continue . . .
```




C:\Users\abhigna\Documents\vf 10.cpp - [Executing] - Dev-C++ 5.11

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(globals)

Project Classes Debug [*] vf 1.cpp vf 2.cpp [*] vf 3.cpp [*] vf 4.cpp [*] vf 5.cpp vf 6.cpp vf 7.cpp vf 8.cpp vf 9.cpp

```
1  #include <iostream>
2  #include <cmath>
3  using namespace std;
4  class Shape {
5  public:
6      virtual float area() const = 0; // Pure virtual function
7  };
8  class Rectangle : public Shape {
9  private:
10     float length;
11     float width;
12 public:
13     Rectangle(float l, float w) : length(l), width(w) {}
14     float area() const override {
15         return length * width;
16     }
17 };
18 class Circle : public Shape {
19 private:
20     float radius;
21 public:
```

Compiler (2) Resources Compile Log Debug Find Results Close

Line	Col	File	Message
14	18	C:\Users\abhigna\Documents\vf 10.cpp	[Warning] override controls (override/final) only available with -std=c++11 or -std=gnu++11
23	18	C:\Users\abhigna\Documents\vf 10.cpp	[Warning] override controls (override/final) only available with -std=c++11 or -std=gnu++11

Line: 32 Col: 1 Sel: 0 Lines: 34 Length: 777 Insert Done parsing in 0.125 seconds

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Area of the rectangle: 24
Area of the circle: 28.2743

Process exited after 0.2276 seconds with return value 0
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