



(globals)

static.cpp function with default arg.cpp virtual base class.cpp

```
2 using namespace std;
3
4 class A
5 {
6     public:
7         int a;
8         static int b;
9         void decrement2()
10        {
11            a=a-10;
12            b=b-10;
13            cout<<a<<b;
14        }
15 };
16 int A::b=0;
17 int main()
18 {
19     A A1,A2;
20     A1.a=20;
21     A2.a=20;
22     A1.decrement2();
23     A2.decrement2();
24     return 0;
25 }
26
```

```
C:\Users\sse\Desktop\static.exe
10-1010-20
-----
Process exited after 0.3718 seconds with return value 0
Press any key to continue . . .
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

```
- Warnings: 0
- Output Filename: C:\Users\sse\Desktop\static.exe
- Output Size: 1.30227279663086 MiB
- Compilation Time: 2.59s
```

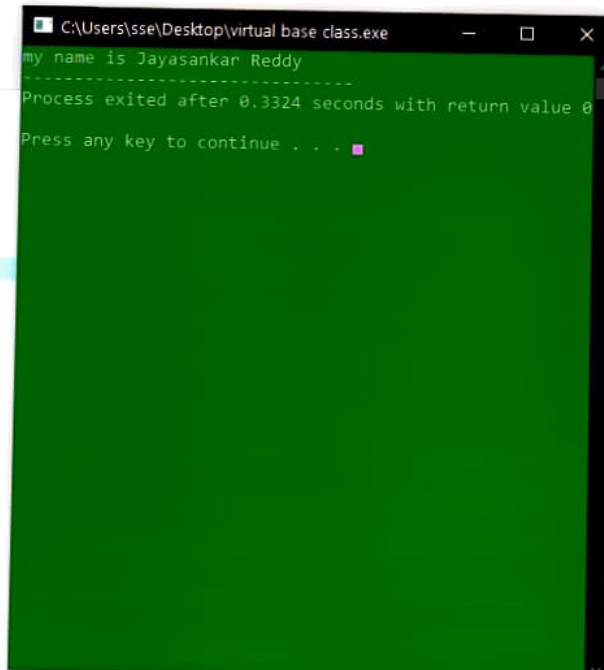
☒ Shorten compiler paths



(globals)

Project Class static.cpp fuction with default arg..cpp virtual base class.cpp

```
1 #include<iostream>
2 using namespace std;
3 class A
4 {
5     public:
6         void display()
7         {
8             cout<<"my name is Jayasankar Reddy";
9         }
10 };
11 class B:virtual public A
12 {
13 };
14 class C:virtual public A
15 {
16 };
17 class D:public B,public C
18 {
19 };
20 int main()
21 {
22     D D1;
23     D1.display();
24     return 0;
25 }
```



```
1 #include<iostream>
2 using namespace std;
3 class A
4 {
5     public:
6     int sum(int a,int b,int c=20,int d=30)
7     {
8         return(a+b+c+d);
9     }
10 };
11 int main()
12 {
13     A A1;
14     cout<<A1.sum(5,10);
15     return 0;
16 }
17
```

```
65
-----
Process exited after 0.3675 seconds with return value 0
Press any key to continue . . .
```

```
2 using namespace std;
3
4 class A
5 {
6     public:
7         int a;
8         static int b;
9         void increment2()
10         {
11             a=a*10;
12             b=b*10;
13             cout<<a<<b;
14         }
15 };
16 int A::b=0;
17 int main()
18 {
19     A A1,A2;
20     A1.a=20;
21     A2.a=20;
22     A1.increment2();
23     A2.increment2();
24     return 0;
25
26
```

Compiler Resources Compile Log Debug Find Results Close

Port Compilation

ten compiler paths

- Warnings: 0
- Output Filename: C:\Users\sse\Desktop\static.exe
- Output Size: 1.30227279663086 MiB
- Compilation Time: 2.86s

```
0002000
-----
Process exited after 0.3459 seconds with return value 0
Press any key to continue . . .
```