



```
2 using namespace std;
3 class A
4 {
5     public:
6         int a;
7         static int b;
8         void decrement1()
9         {
10             a=a-10;
11             b=b-10;
12             cout<<a<<b;
13         }
14 };
15 int A::b=0;
16 int main()
17 {
18     A A1,A2;
19     A1.a=10;
20     A2.a=20;
21     A1.decrement1();
22     A2.decrement1();
23 }
```

```
0-1010-20
-----
Process exited after 0.05621 seconds with return value 0
Press any key to continue . . .
```

Abort Compilation

## Compilation results...

```
-----
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\sse\Desktop\ashokc\static decrement.exe
- Output Size: 1.3022928237915 MiB
- Compilation Time: 2.56s
```



Project Classes Debug static data.cpp static decrement.cpp [\*] static wo increm

```
2 using namespace std;
3 class A
4 {
5     public:
6         int a;
7         static int b;
8         void increment1()
9         {
10             a=a+10;
11             b=b+10;
12             cout<<a<<b;
13         }
14 };
15 int A::b=0;
16 int main()
17 {
18     A A1,A2;
19     A1.a=10;
20     A2.a=20;
21     A1.increment1();
22     A2.increment1();
23 }
```

C:\Users\sse\Desktop\ashokc\static data.exe

20103020

-----  
Process exited after 0.04638 seconds with return value 0  
Press any key to continue . . .

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

Compilation results...

-----  
- Errors: 0  
- Warnings: 0  
- Output Filename: C:\Users\sse\Desktop\ashokc\static data.exe  
- Output Size: 1.30227279663086 MiB  
- Compilation Time: 2.81s

```
12 ~A()
13 {
14     cout<<"obj:destruction";
15 }
16 void print()
17 {
18     cout<<a;
19 }
20 };
21 int main()
22 {
23     int i,n;
24     cout<<" enter the size";
25     cin>>n;
26     A*p=new A[n];
27     for(i=0;i<n;i++)
28     {
29         (p+i)->print();
30     }
31     delete[]p;
32 }
```

Abort Compilation

☒ Shorten compiler paths

Compilation results...

```
-----
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\sse\Desktop\ashok\dynamic allocation using object 3.exe
- Output Size: 1.303466796875 MiB
- Compilation Time: 33.89s
```

C:\Users\sse\Desktop\ashok\dynamic allocation using object 3.exe

10obj destruction

```
-----
Process exited after 0.02828 seconds with return value 0
Press any key to continue . . .
```

```
1 #include<iostream>
2 using namespace std;
3 class A
4 {
5     public:
6         int a;
7         static int b;
8         void display()
9
10
11         a=10;
12         b=5;
13 };
14 int A::b=0;
15 int main()
16 {
17     A A1,A2;
18     A1.a;
19     A2.a;
20     void display();
21 }
```

Abort Compilation

## Compilation results...

-----  
- Errors: 0  
- Warnings: 0  
- Output Filename: C:\Users\sse\Desktop\ashokc\static decrement.exe  
- Output Size: 1.3022928237915 MiB  
- Compilation Time: 2.56s