

```
1 #include<iostream>
2 using namespace std;
3 int main()
4 {
5     float a;
6     int n,i;
7     cout<<"enter the size";
8     cin>>n;
9     float*p=new float[n];
10    cout<<"enter the value:";
11    for(i=0;i<n;i++)
12    {
13        cin>>*(p+i);
14    }
15    cout<<"the value are :";
16    for(i=0;i<n;i++)
```

```
C:\Users\sse\compiler\dynamic array float.exe
enter the size 3
enter the value: 3.14
4.15
5.16
the value are :3.144.155.16
-----
Process exited after 17.78 seconds with return value 0
Press any key to continue . . .
```

```
- Warnings: 0
- Output Filename: C:\Users\sse\compiler\dynamic array float.exe
- Output Size: 2.25068950653076 MiB
- Compilation Time: 3.36s
```



TDM-GCC 9.2.0 32-bit Release

(globals)

Project Classes Debug

dynamic memory for single obj.cpp X

dynamic array of objects.cpp X

```
1 #include<iostream>
2 class A
3 {
4     public:
5
6
7     int a;
8     A()
9     {
10         a=10;
11     }
12     ~A()
13     {
14         std::cout<<"obj is destroyed";
15     }
16     void print
17 {
```

C:\Users\sse\compiler\dynamic memory for single obj.exe

10obj is destroyed

Process exited after 0.1211 seconds with return value 0
Press any key to continue . . .

Compiler Resources Compile Log Debug Find Results Console Close

Abort Compilation

```
- Warnings: 0
- Output Filename: C:\Users\sse\compiler\dynamic memory for single obj.exe
- Output Size: 2.25097274780273 MiB
- Compilation Time: 3.28s
```

☒ Shorten compiler paths

Line: 16 Col: 17 Sel: 0 Lines: 27 Length: 245 Insert Done parsing in 0.016 seconds

```
1 #include<iostream>
2 using namespace std;
3 int main()
4 {
5     double a;
6     int n,i;
7     cout<<"enter the size";
8     cin>>n;
9     double*p=new double(n);
10    cout<<"enter the value";
11    for(i=0;i<n;i++)
12    {
13        cin>>*(p+i);
14    }
15    cout<<"the values are :";
16    for(i=0;i<n;i++)
```

```
C:\Users\sse\compiler\dynamic array double.e...
enter the size 4
enter the value 12
13
11.6
10.5
the values are :121311.610.5
-----
Process exited after 26.41 seconds with return value 0
Press any key to continue . . .
```

Abort Compilation

```
- Warnings: 0
- Output Filename: C:\Users\sse\compiler\dynamic array double.exe
- Output Size: 2.25069046020508 MiB
- Compilation Time: 14.22s
```

☒ Shorten compiler paths

```
1 #include<iostream>
2 class A
3 {
4     public:
5     int a;
6     A()
7     {
8         std::cout<<"enter the value";
9         std::cin>>a;
10    }
11    ~A()
12    {
13        std::cout<<" obj is destroyed"<<std::endl;
14    }
15    void print()
16    {
17        std::cout<<a;
```

```
enter the value11
enter the value15
121115 obj is destroyed
obj is destroyed
obj is destroyed

-----
Process exited after 7.657 seconds with return value 0
Press any key to continue . . .
```

Abort Compilation

```
- Warnings: 0
- Output Filename: C:\Users\sse\compiler\dynamic array of objects.exe
- Output Size: 2.25170993804932 MiB
- Compilation Time: 26.56s
```

☒ Shorten compiler paths

(globals)

Project Classes Debug

dynamic memory for single obj.cpp × dynamic array of objects.cpp × array of objects.cpp ×

dynamic array char.cpp × dynamic array float.cpp × dynamic array int.cpp ×

```
1 #include<iostream>
2 using namespace std;
3 int main()
4 {
5     int n,i;
6     cout<<"enter the size";
7     cin>>n;
8     int*p=new int[n];
9     cout<<"enter the values";
10    for(i=0;i<n;i++)
11    {
12        cin>>*(p+i);
13    }
14    cout<<"the values are";
15    for(i=0;i<n;i++)
16    {
```

C:\Users\sse\compiler\dynamic array int.exe

```
enter the size 4
enter the values 1
5
6
7
the values are1567
-----
Process exited after 7.991 seconds with return value 0
Press any key to continue . . .
```

Compiler Resources Compile Log Debug Find Results Console Close

Abort Compilation

```
- Warnings: 0
- Output Filename: C:\Users\sse\compiler\dynamic array int.exe
- Output Size: 2.25068759918213 MiB
- Compilation Time: 3.28s
```

☒ Shorten compiler paths

Line: 1 Col: 1 Sel: 0 Lines: 22 Length: 293 Insert Done parsing in 0.016 seconds

(globals)

Project Classes Debug

dynamic memory for single obj.cpp ×

dynamic array of objects.cpp ×

array of objects.cpp ×

dynamic array char.cpp ×

```
7 cout<<"enter the size";
8 cin>>n;
9 char*p=new char[n];
10 cout<<"enter the string :";
11 for(i=0;i<n;i++)
12 {
13     cin>>(p+i);
14 }
15 cout<<"the strings are :";
16 for(i=0;i<n;i++)
17 {
18     cout<<(p+i);
19 }
20 delete[]p;
21 return 0;
22
23 }
```

C:\Users\sse\compiler\dynamic array char.exe

```
enter the size 3
enter the string : h
e
m
the strings are :hem
-----
Process exited after 10.44 seconds with return value 0
Press any key to continue . . .
```

Compiler Resources Compile Log Debug Find Results Console Close

Abort Compilation

```
- Warnings: 0
- Output Filename: C:\Users\sse\compiler\dynamic array char.exe
- Output Size: 2.25068855285645 MiB
- Compilation Time: 14.17s
```

☒ Shorten compiler paths

Line: 1 Col: 1 Sel: 0 Lines: 23 Length: 316 Insert Done parsing in 0.016 seconds

(globals)

Project Classes Debug dynamic memory for single obj.cpp x dynamic array of objects.cpp x array of objects.cpp x

```
4 public:
5 int a;
6 A()
7 {
8     std::cout<<"enter the value";
9     std::cin>>a;
10 }
11 ~A()
12 {
13     std::cout<<"obj is destroyed";
14 }
15 void print()
16 {
17     std::cout<<a;
18 }
19 };
20 int main()
```

C:\Users\sse\compiler\array of objects.exe

```
enter the value 12
enter the value 11
enter the value14
121114obj is destroyedobj is destroyedobj is destroyed
-----
Process exited after 7.764 seconds with return value 0
Press any key to continue . . .
```

Compiler Resources Compile Log Debug Find Results Console Close

Abort Compilation

```
- Warnings: 0
- Output Filename: C:\Users\sse\compiler\array of objects.exe
- Output Size: 2.25144863128662 MiB
- Compilation Time: 3.24s
```

☒ Shorten compiler paths

Line: 1 Col: 1 Sel: 0 Lines: 29 Length: 301 Insert Done parsing in 0.016 seconds