



(globals)

Project Classes Debug

dynamic memory allocation using pointer double.cpp

dynamic memory allocation using pointer.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 value";
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    {
17        cout<<*(p+i);
18    }
19    delete []p;
20    return 0;
21 }
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

Compilation results...

```
-----
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\sse\Desktop\ashokc\dynamic memory allocation using pointer.exe
- Output Size: 1.30271053314209 MiB
- Compilation Time: 2.38s
```

C:\Users\sse\Desktop\ashokc\dynamic memory allocati...

```
enter the size3
enter the value54
97
977567
the values are5497977567
-----
Process exited after 10.61 seconds with return value 0
Press any key to continue . . .
```

2.cpp

dynamic allocation using object 3.cpp

dynamic memory allocation using pointers float.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 value";
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    {
17        cout<<*(p+i);
18    }
19    delete []p;
20    return 0;
21 }
```

Abort Compilation

☒ Shorten compiler paths

Compilation results...

```
-----
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\sse\Desktop\ashok\dynamic memory allocation using pointer.exe
- Output Size: 1.30271053314209 MiB
- Compilation Time: 2.56s
```

```
enter the size 3
enter the value 98 76 86
the values are987686
-----
Process exited after 16.04 seconds with return value 0
Press any key to continue . . .
```



```
1 #include<iostream>
2 using namespace std;
3 int main()
4 {
5     char n,i;
6     cout<<"enter the no of stringss";
7     cin>>n;
8     char *p=new char[n];
9     cout<<"enter the string";
10    for(i=0;i<n;i++)
11    {
12        cin>>*(p+i);
13    }
14    cout<<"the string is";
15    for(i=0;i<n;i++)
16    {
17        cout<<*(p+i);
18    }
19    delete []p;
20    return 0;
21 }
```

```
C:\Users\sse\Desktop\ashokc\dynamic memor...
enter the value98
7
6
the values are9876
-----
Process exited after 8.323 seconds with return valu
e 0
Press any key to continue . . .
```

Abort Compilation

Compilation results...

```
-----
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\sse\Desktop\ashokc\dynamic memory allocation using pointer char.exe
- Output Size: 1.30271530151367 MiB
- Compilation Time: 2.55s
```

C:\Users\sse\Desktop\ashokc\DYNAMIC ALLOCATION USING OBJECT.cpp - [Executing] - Dev-C++ 5.11

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(globals)

Project Classes Debug

dynamic memory allocation using pointer.cpp
dynamic memory allocation using pointer double.cpp
DYNAMIC ALLOCATION USING OBJECT.cpp
dynamic memory allocation using pointer char.cpp
dynamic memory allocation for object 2.cpp
dynamic memory allocation using pointers float.cpp
dynamic allocation using object 3.cpp

```
8 {  
9     a=10;  
10 }  
11 ~A()  
12 {  
13     cout<<"obj destruction";  
14 }  
15 void print()  
16 {  
17     cout<<a;  
18 }  
19 }  
20 int main()  
21 {  
22     A*A1=new A;  
23     A1->print();  
24     delete A1;  
25     return 0;  
26 }  
27 }  
28 }
```

C:\Users\sse\Desktop\ashokc\DYNAMIC ALLOCATION USING OBJECT.exe

```
10obj destruction  
-----  
Process exited after 0.1238 seconds with return value 0  
Press any key to continue . . .
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

Shorten compiler paths

Compilation results...

```
-----  
- Errors: 0  
- Warnings: 0  
- Output Filename: C:\Users\sse\Desktop\ashokc\bin\Debug\dynamic_allocation_using_object.exe  
- Output Size: 1.30245399475098 MiB  
- Compilation Time: 2.53s
```

Line: 18 Col: 2 Sel: 0 Lines: 28 Length: 268 Insert Done parsing in 0.016 seconds

```
1 #include<iostream>
2 using namespace std;
3 int main()
4 {
5     int n,i;
6     float a;
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);
14    }
15    cout<<"the values are";
16    for(i=0;i<n;i++)
17    {
18        cout<<*(p);
19    }
20    delete []p;
21    return 0;
22 }
```

Abort Compilation

☒ Shorten compiler paths

Compilation results...

```
-----
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\sse\Desktop\ashokc\dynamic memory allocation using pointers float.exe
- Output Size: 1.3027172088623 MiB
- Compilation Time: 2.48s
```

```
enter the size 2
enter the value87
76
the values are7676
-----
Process exited after 4.756 seconds with return value 0
Press any key to continue . . .
```

```
(globals)
Project Classes Debug
dynamic memory allocation using pointer.cpp
dynamic memory allocation using pointer double.cpp DYN
8 {
9     cout<<"enter the values";
10    cin>>a;
11 }
12 ~A()
13 {
14     cout<<"obj:destruction";
15 }
16 void print()
17 {
18     cout<<a;
19 }
20 };
21 int main()
22 {
23     A A1[3];
24     A1[0].print();
25     A1[1].print();
26     A1[2].print();
27     return 0;
28 }
```

Abort Compilation

Compilation results...

```
-----
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\sse\Desktop\ashokc\dynamic memory allocation for object 2.exe
- Output Size: 1.30347156524658 MiB
- Compilation Time: 2.59s
```

```
C:\Users\sse\Desktop\ashokc\dynamic memory alloca...
enter the values 2
enter the values98
enter the values76
29876obj:destructionobj:destructionobj:destruction
-----
Process exited after 6.046 seconds with return value 0
Press any key to continue . . .
```

dynamic memory allocation using pointers float.cpp
2.cpp dynamic allocation using object 3.cpp

```
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

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 . . .
```