

heap-puzzle1.cpp

```
1 #include <iostream>
2 using namespace std;
3
4 int main() {
5     int *x = new int;
6     int &y = *x;
7
8     y = 4;
9
10    cout << &x << endl;
11    cout << x << endl;
12    cout << *x << endl;
13
14    cout << &y << endl;
15    cout << y << endl;
16    cout << *y << endl;
17 }
```