

```
int andy = 42;  
int* ted = &andy;
```

'andy' is of type 'int'

42
----

address:  
0x7fff54bc4994

'address of' operator &  
gives a pointer. So:  
int\* ted = &andy;

'ted' is of type 'int\*'

0x7fff54bc4994
----------------

address:  
who knows?

See [www.cplusplus.com/doc/tutorial/pointers/](http://www.cplusplus.com/doc/tutorial/pointers/)  
for more info.

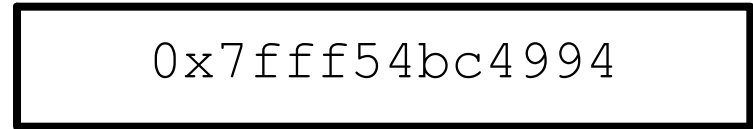
```
int andy = 42;  
int* ted = &andy;
```

'andy' is of type 'int'



address:  
0x7fff54bc4994

'ted' is of type 'int\*'



address:  
who knows?

'Reference Operator', aka  
'Address Of Operator':      →      **&**

'Dereference Operator', aka      →      **\***  
'Value Pointed By':

If we print things out...

```
andy: 42  
&andy: 0x7fff54bc4994  
ted: 0x7fff54bc4994  
*ted: 42
```