

'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?

'andy' is of type 'int*'

42

address:
0x7fff54bc4994

'ted' is of type 'int*'

0x7fff54bc4994

address:
who knows?

'Reference Operator', aka
'Address Of Operator': \longrightarrow **&**

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

If we print things out...

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