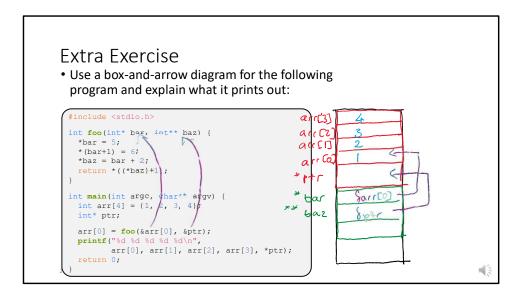
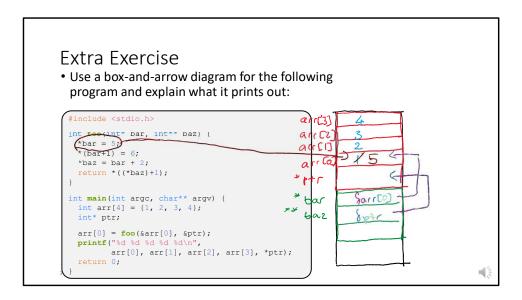


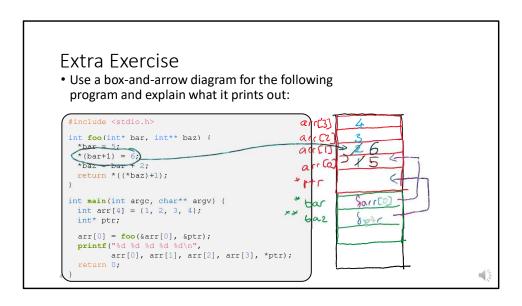
First we draw the stack frame for main



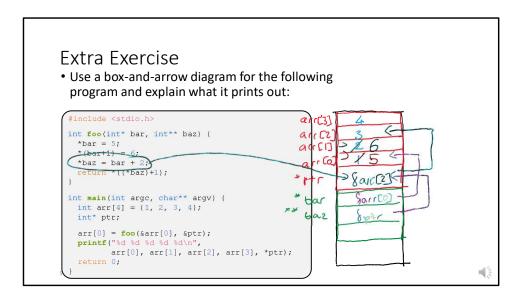
When foo function is executed, address of arr[0] will be passed to bar and address of ptr will be passed to baz



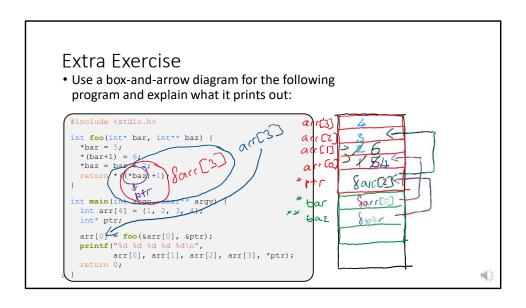
Dereferenced bar, which means arr[0] is changed to 5



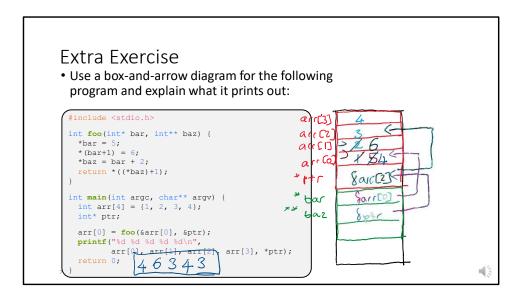
bar +1, is the address of arr[1]
Dereferenced(bar+1) which means arr[1] is changed to 6



Dereferenced baz is ptr value, initially ptr value was garbage We now change it to bar +2, which is the address of arr[2]



Dereferenced baz is ptr value
Ptr value + 1 is the address of arr[3]
Dereferenced address of arr[3] is *&arr[3] which is same as arr[3] so foo function returns arr[3] into arr[0]
So arr[0] value is changed to 4



Then print function prints arr[0] through arr[3] and arr[2]