18-11 Memory Management alloc: 4 <ifc + f, env, k> Ho Cc, env, kif (env, +, +, k)> dealle: 4 < false, \$, kif(env, +, f, k) > +> < f, env, k>

18-2/ Wat should a MM do? - when to call fage () Calls free only at the end of program e shop mem f(x) = a iLany MM, relimed) - - Kin it's wrong we can call free() if any object won't be looked at

| 18-4/ | |
|---------------------------------------|--|
| prog to | |
| prog + MM | |
| · · · · · · · · · · · · · · · · · · · | |
| pause | |
| at (the think mm | |
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| 18-5] Marcal insertion of free() |
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| |
| Is it sound? -> definitely not |
| |
| alias _ hut, two references to it |
| one of in menory (he printer) global c |
| F() { |
| Char & c = maller |
| glossic = (|
| Prehing 3 - always assume you cannot free |
| face (1) tack ownersh's - always make a copy rather than as |
| alas |
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| try 15 mort pointer |
|-----------------------------------|
| 3 |
| retain (p) = p. count ++ |
| release (p) = |
| if (p, count == 0) |
| free(p) |
| |
| ref country fails toraleus rycles |
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