Question: Now are function alls "implemented" behind the scenes? CPU basically executes instructions in the sequence they appear in menory.

Current instructions address stared in the "Instruction pointer" or "program counter" or "[ρ", "ρc". How to handle fourtion calls! Runtine Stack (or "Call Stack") - Keeps track of functions currently running. \_ Stores the following information for each call: - Storage for parameters. - Starage For local variables. - "return alloss" (ina pointer for - Storage for return "code after the call") value. E.x.: xint f (int a, int b) xint g (int c)

int x,y;

int z; } return 42; × 4= 9(x); return 0;

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