How Can We Change PC to Different Values? What if control flow does not converge? ; read degree N from keyboard ; loop from 0 to N ; read coefficient from keyboard ; continue with next loop iteration After reading a number, does PC change to start the loop, or to continue the loop?

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Use the JMP Instruction to Go to the Right Place Remember the JMP instruction? JMP BaseR ; PC ← BaseR Use a register—R7, for example— • to point to the next instruction • after executing our common code. Then, • at the end of the common code, • execute JMP R7.



