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Preview text. CHAPTER 22.1IF x < 10 THENIF x < 5 THENx = 5ELSEPRINT xEND IFELSEDOIF x < 50 EXITx = x - 5END DOEND IF2.2Step 1: StartStep 2: Initialize sum and count to

zeroStep 3: Examine top card. Step 4: If it says " end of data " proceed to step 9; otherwise, proceed to next step. Step 5: Add value from top card to sum. Step 6: Increase count by 1.

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1.1 You are given the following differential equation with the initial condition, v(t= 0) = 0, v2 m c g dt dv = — d. Multiply both sides by m/cd. gv2 c m dt dv c m dd = —. Define a = mg /cd. a2v2 dt dv c m. d = —. Integrate by separation of variables, dt m c a v ∫ dv= ∫ d 2 —2.

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