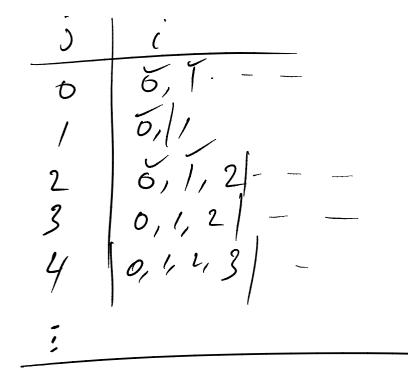
MIDTERM

Monday, October 11, 2010 8:56 AM

{ swap ftn i = -5, i = -66/. il = 66, iL = -5

2. program tracing

numbers : 1 1 2 4 8 0 0 0 0 0 0 1 2 3 4 5 6 7 8 9



ANS: 11248/632 64/2525

3, where a program

#indule <stdis. h>

int main (void) 3 float fic; printf ("Enter tom (F): __")." sconf("2f", Qf);11 convert fahrenbet to celini c= (f-32.0)/1.8; printf ("Terp (c) = 2.0f m", c); rotum Ø; 4. finstron int findmin (int A[7, int size) 3 int i, min $Val = \mathcal{A}[\phi];$

for (1=0; E< sizo; EtA) if (A[i] < minVal) minVal = A[i]. return minVal; in LIL analysis of dyorth 5. Cole. avinge. giver input soze n (i.e. list of n integers) feint mean (floort A(7, ist u) how long don the draw ? inti; search aly. take? flout sum= 0.0; how many operators, for(i=0; icn; i++) a how many of the n item need to be inspectful) Sunt= A(i) Aas: O(n) "by oh" sun /= (flort)n; Networ (sun); $\begin{array}{c} (n) \\ (n) \\$ 0 (lgn)

0 (lgn) 15 O(n) good? if I tisser, not had bother the $O(u^2)$ ust a good on O(lgn) for inseque of N×1500 this hear can impose on the GPU phy-pay to find am /n =) 0(lgn) $7, \begin{pmatrix} 4 \\ f \end{pmatrix}, \begin{pmatrix} -2 \\ 3 \end{pmatrix}$

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de list - still - snort = new list - still = new;

 $\left.\right\rangle$

Monday, October 11, 2010 9:34 AM

(als 8

fleshig out date digent (see pervais notes)