## DAA HSSIGNMENT S

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02-131202-020 69974

Algorithm McDonalds: NuggetBox(a)

condition = false;

if (a < 1) return false;

ib ((a7.6 == 0) 11 (a7.9 == 0) 11

(a:1.20 ==0))

Console. Writeline (a); return true

if (condition==false && a>20)

condition = NuggetBox (a-20)

if (Condition == true)

Console Note Line (20);

Condition == false Eq (a) 9 Eq.

(Condition == false Eq (a) 9 Eq.

condition = NuggetBox (a-9)

ib (condition == true); 
Conside. Write line (9);

if (condition = - false Eq. (a) 6. · Eq. a 29)1)1111 Condition = NuggetBox (a-6); Console. Write the (6); return Condition; Given log 2 (4096) = 12 693 (4096) = 7-57 Loga (4096) = 6 logs (4096) = 5-16 log, (4096) - 4.27 Logg (4096) - 4 1.e.(0,1,2,3,45,6,7,8,9,1,8) Asume a=10; 6 [4096]; increment =0; box (Indi=0; iLA. length; i++) i) ( i==a) {a[i]='A'; a = a+10; } if ( i == b) a [i] = B's b = b+10; else a [i] = inexement: Insement ++;

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c)

Now if we want to sost this like can using different algorithms so box this sort purpose we use Bucket Sort bucket is sorted by or using Counting Sort.

d)

while (LSD seach)

e)

Console. Woildine (" Soxted");

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