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DAM @ 17.W-17

Inserting n elements using

a) Aggregate method

0

it runout of space.

on so, if pue orginal signis, after insertion it soubles to sink u etc or sink u etc or sink u etc or sink u for sink u etc or sink u for sink u etc

PMSEED COLL

or intiant tape oim (abacim=1

if table is ful!

new fuble = crease

exement from our to the me

insert element; just + 4616 19+ 4= 109 (n+1)-1 Total (ost = o(n) * K

= o (n log n)

Amostinke (ost per insertion = o (log n)

Runtime per insertionon is o (log n)

total time in o(n) to 109 (nA)

(b) Accounting memo?

* change 2 units per each insertion

* when the table double in side from

m to 7m cretit m miss.

If a copy (25)

who copy (25)

Benjo (oge:

for 1=0 to m:

if table is full:

newtable = create with sich zin @ current sins

to new juble.

insert element ; into table
inficiling charses =0
inficiling credits=0

if tubie foutiet in sixtle

from M +0 < M:

total charges = 2 ton = 0 (n)

total charges = 2 ton = 0 (n)

total credits = M + 2 m + -. + M2 m = D (n)

Anostized cost per insertina

total (n, 0 (n) / 2

= 1

Romatime Per ingertion = o(1)
totell time = o(n)