Saturday, 27 November 2021

er 2021 8:00 PM

8

cat

cats

catsdogcats- Lesut

dog

dogcatsdog

hippopotamuses

rat

ratcatdogcat limit = longlot

- catsdog-

- cort cat

- cat-cort cat

words + words = word3

Not 9 rdex

words + words + words = wordy.

word 1 + word 2+ --- + word i = word j

For Example -

(eigh

cats + dog + cots -> cats dog cats

dog + cats + dog -> dog cats dog

cats + dog -> cats dog

rat + cat + dog + cat -> rat cat dog cat

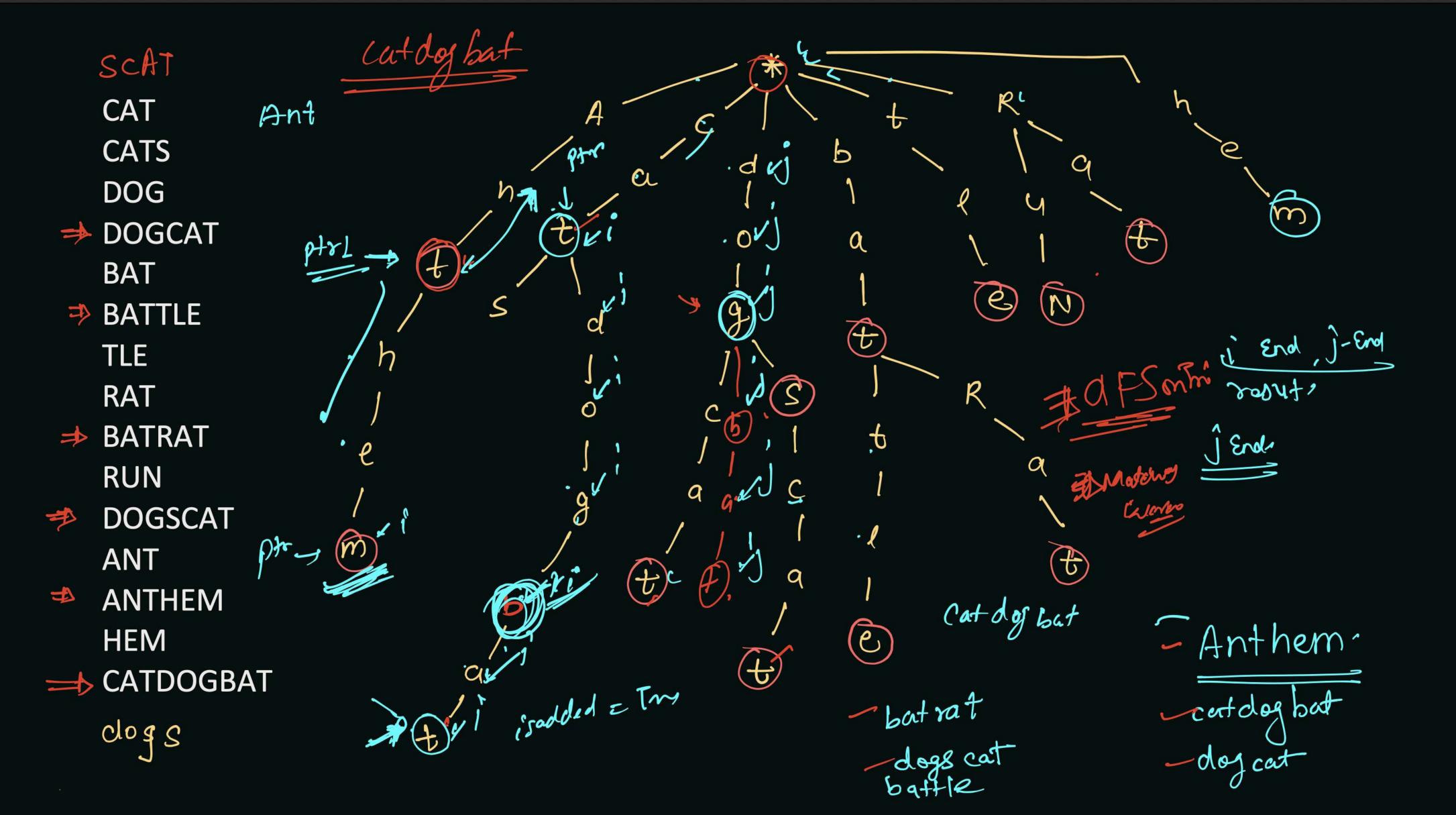
cat t cat - cat cat

dog + costs dog - s dog catsdog cat + cat + cat - e | cat cat cost

words C diet
words C diet

com be some

robutt required -



cats catdog cat dog bat dog. dogbat - out + dog = cut dog cat + dogbot = catdy but cat dog.

```
private void matchCharacter(Node p1, Node p2, Node root) {
    if(p1.s != null && p2.s != null) {
       // p1 id ptr from dfsOnTRIE
       if(p1.isAdded == false)
       matchCharacter(p1 root, root);
    for(int i = 0; i < 26; i++) {
       if(p1.children[i] != null && p2.children[i] != null) {
           matchCharacter(p1.children[i], p2.children[i], root);
```

```
aa
```

res.add(p1.s);

p1.isAdded = true;

rif(p2.s != null) {

```
9
private void dfsOnTRIE(Node ptr, Node root) {
   if(ptr.s != null) {
       matchCharacter(ptr, root, root);
       return;
    for(Node child : ptr.children) {
       if(child != null) {
           dfsOnTRIE(child, root);
```