Talk
Example
Broom Force
Optimize
Wask Through

1 mplementation Test

WIFE ONE PROPERTY

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## WORD BREAK

TALK

- input: string, diet of words

-output: boolean (if string can be split into so of dist words

Thull or empty str?

exception false

- empry dict? FALSE

- Same word can appear multiple times in stoom input Str

- "Hello" are equal

- str only apphabetic chais

EXAMPLE

IMPUT	CLASC	POCT -
rull, Epear 3	null str	exception
1 1 pearly	empty sta	False
V "pear", { }	empry dist	False
/ "Hello Hello", [helb]		r True
"Pearfruit", & pear fruit		True
"you enjoy", Lyou, enjoy?	basic case	Teus
"paris", [france]	not ask to beginnent	false i de
	e to grant the state of the	

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BRUTE FORCE O(N2) Solution can be somewhed (strs, diet d): i=0, s. lonercase () while ic length(s): cheek = false 1+1= nedtornomen unite ; < length(s):
if sti:j] in d: check = True if! theye: return False if j== |ength(5)-1: return theck OPTIMITE - handle erroneous input - cannot think of a way to optimize : WALK THROUGH INPUT VALIDATION Loop through input str lop again: unexifund is in dut until end of string more index to index+1 of where last word was found return check

The state of the s

```
IMPLEMENTATION
    public static boolean cambe segmented (string 3, Hasharap 4) {
      int i=0;
      shitosharancoger My
      if (s == null)
       throw new Exception ();
       if (5 == " ")
        reguin False;
      if (d. size() = 1)
                                         (s. lovercasel)
      voile (i < s.length()) {
        boulean oneck = False;
          int j = i+1;
          while (; < s.length()) {
if (s. substring (i, j) in d) {
                 Check = True,
                break;
          if (! check)
              return False;
      peturn check;
```

TEST

same cases as in example