## **Print Indices of Vowels**

$$\Rightarrow ahc efg$$
 $scn.next(); \longrightarrow "abc"$ 
 $Scn.nextLine(); \longrightarrow "ahc efg"$ 

```
code
```

```
public static void main(String[] args) {
    Scanner scn = new Scanner(System.in);
    String str = scn.nextLine();
    int n = str.length();
   for (int i = 0; i < n; i++) {
       if ( isVowel( str.charAt(i) ) ) {
            System.out.print(i + " ");
}
public static boolean isVowel(char c) {
   // if ( c == 'a' || c == 'e' || c == 'i' || c == 'o' || c == 'u' ) {
   // return true;
   // } else {
   // return false;
    // }
    return c == 'a' || c == 'e' || c == 'i' || c == 'o' || c == 'u';
}
```

## **Count Words**



```
public static void main(String[] args) {
   Scanner scn = new Scanner(System.in);
                                           012345 (789 1011213
   String str = scn.nextLine();
                                                         count = 0
                                          (=0, K
   int n = str.length();
   int count = 0;
                                          i=1, K
   for (int i = 0; i < n - 1; i++) {
       char curr = str.charAt(i);
                                                        count = L
                                          i=2, ~
       char next = str.charAt(i + 1);
       if ( curr != ' ' && next == ' ' ) {
                                          ('=3,
           count++;
                                          ( = 4, K
   System.out.println(count +
                                          (=5, K
                                          1=6, X
                                                        count=2
                                          (=7, V
                         [=10) X
                         (=11, x
                                          (=8, K
                                          (=g,
```

-> str. split ("ab");

## Find Unique



```
public static int findUnique(String str) {
boolean[] check = new boolean[10];
                                                                       T. C= ((N+10)
     int n = str.length();
 for (int i = 0; i < n; i++) {
    char ch = str.charAt(i); // '5'
    int idx = ch - '0';
    check[idx] = true;
                                                                       where, N is
 \downarrow int count = 0;
            for (int i = 0; i < 10; i++) {
   if ( check[i] == true ) {
      count++;</pre>
                                                                       S.(=0(12)
                                                                             \stackrel{\sim}{=} 0(1)
            return count;
```

 $(2xH, N^2)$ T.C => no. of operations (how many times you have visited each element)

S.C > no. of memory addresses you have consumed.

String is immutable arch. Level heap str2 = "aba" str2 = "abad **्क्र** "abc" y strl = "abc" 1006 7 1004 abcd hexadecimal . equals ()