



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)
Dundigal, Hyderabad - 500 043

LABORATORY WORK SHEET

Date: 16/06/2022

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Exp No: 03 Experiment Name: SYLLABLES AND JUST A MINUTE (JAM)

DAY TO DAY EVALUATION:

	Preparation	Algorithm	Source Code	Program Execution	Viva	Total
		Performance in the Lab	Calculations and Graphs	Results and Error Analysis		
Max. Marks	4	4	4	4	4	20
Obtained	4	4	4	4	4	20

Signature of Lab I/C

START WRITING FROM HERE:

CALL LAB:

SYLLABLES

What is a syllable?

A syllable is a unit of organisation for a sequence of speech sounds typically made up of a syllable nucleus (most often a vowel) with optional initial and final margins (typically, consonants).

How to count syllables?

- 1) The listen method (no. of vowels = no. of syllables)
in a word
- 2) The chin method (no. of times chin going down = no. of syllables)
- 3) The clap method (each clap at each vowel = no. of syllables)
- 4) Robot speak method (no. of pauses in a word = no. of syllables)
- 5) Written method (Count no. of vowels + 1 if 'y' sound like a vowel - 1 for each silent vowel - 1 for each diphthong triphthong = no. of syllables)

How to divide words into syllables? :

1) Separate suffixes, prefixes and root words.

Eg: pre/view, work/ing, re/do, outside

2) If two consonants are next to each other, divide in between them.

Eg: con/sonant, buff/et, des/ert, ob/ject, ber/ry

3) Never split 2 consonants that (when pronounced together) make only one sound.

Eg: 'th', 'sh', 'ph', 'ch', 'wh'

4) If the consonant is surrounded by vowels, divide before the consonant.

Eg: ba/by, re/sult, il/vy, too/gen, cul/pid.

5) If there 'ckle' in the word, divide right before 'le'

Eg: tack/le, freck/le, tick/le, buck/le

6) If there is 'le' without 'ck' in front, divide 1 letter before the 'le'.

Eg: ap/ple, rum/ble, fal/ble, tal/ble

<p>VC-CV</p> <p>bă/s/kě t</p> <p>Divide between 2 middle consonants</p>	<p>VC-V</p> <p>că/b/lĭ n</p> <p>With 1 middle consonant, sometimes divide after the consonant.</p>
<p>V-CV</p> <p>bā/s ĭ c</p> <p>With 1 middle consonant, sometimes divide before the consonant</p>	<p>VC-CCV</p> <p>c ō m/pl ě x</p> <p>With 2 consonants between vowels, usually divide after 1st consonant.</p>
<p>VC-CCCV</p> <p>c ō n/str ŭ ct</p> <p>With 4 consonants between vowels usually divide after 1st consonant</p>	<div> <div> <p>VC+le</p> <p>că n/dl ě</p> <p>Divide before consonant -le</p> </div> <div> <p>V-Y</p> <p>lĭ ō n</p> <p>Divide between 2 vowels that aren't a pair</p> </div> </div>
<p>COMPOUND WORDS</p> <p>w ĭ nd/m ĭ ll</p> <p>Divide compound words between 2 words</p>	<p>AFFIXES</p> <p>ŭ n/k ĭ nd/l ĭ y</p> <p>Divide after a prefix & before a suffix.</p>

7 SYLLABLE TYPES

S.No	TYPE	DESCRIPTION	EXAMPLES
1.	Closed	A syllable in which a single vowel is followed by a consonant. The vowel is usually short	cat, rabbit nap/kin
2.	Open	A syllable ending with a single vowel. The vowel is usually long.	ti/ger, ba/by pal/pes
3.	Vowel-cons-e (magic e)	A syllable with the long vowel-consonant-silent e pattern	bake pine bone
4.	Vowel team	A syllable containing two letters that together make one vowel sound.	team float seed
5.	r-Controlled	A syllable in which the vowel(s) is followed by the single letter r. The vowel sound is 'controlled' by the 'r'	car bird fort
6	Diphthong	A syllable containing two vowels in which a new vowel sound is formed from combination of both vowel sounds	boil cloud look
7	Consonant -le	An unaccented final syllable containing a consonant and -le	bub/ble sta/ple cir/cle

EXAMPLES:

WORD	TRANSCRIPTION	NO. OF SYLLABLES
lit/tle	/lɪtl/	2
petal	/ˈpetl/	2
turtle	/ˈtɜ:təl/	2
ankle	/ˈɒŋkəl/	2
riddle	/ˈɪdəl/	2
student	/ˈstju:dənt/	2
excavate	/ˈɛkskəveɪt/	3
confident	/ˈkɒnfɪdənt/	3
authentic	/ɔ:ˈθentɪk/	3
suspicious	/ɔ:spɪʃəs/	3
misbehaving	/ˌmɪsbɪˈheɪvɪŋ/	4
biography	/baɪˈɒɡrəfi/	4
pedestrian	/pɪˈdestriən/	4
calculator	/ˈkælkjuleɪtə/	4
feasibility	/fiːzɪˈbɪlɪti/	5
congratulation	/kɒŋɡrætʃuleɪʃ(ə)n/	5
organization	/ɔ:ɡ(ə)nəɪˈzeɪʃ(ə)n/	5
variety	/vəˈraɪəti/	4

INTERNET

Hello Everyone!

My name is Jyothi Prasanna. I am here to talk about internet. Firstly, thank you all for giving me this opportunity.

Internet is a network of computer systems that have been connected to each other through satellite, telephone lines and optical cables. Basically Internet is a global electronic community for millions of inter-connected computer networks. We can find any information by using internet. The greatest merit of internet is that it opens a world of information at the press of a key. It helps to gather information from various servers called websites.

Today we can send letters and mails to anyone living at any part in the world by just one single touch. Although, Internet hugely helps man in his day-to-day life, yet it is often misused. Today thousands of youth are getting 'hooked' to Internet watching things which are not meant for them. This has to be taken serious measures. However most of the people are using internet for entertainment like watching movies, listening to music, playing games etc. Anyway it has made our life easy, comfortable and luxurious.

Thank you!