

# NLP Assignment 1

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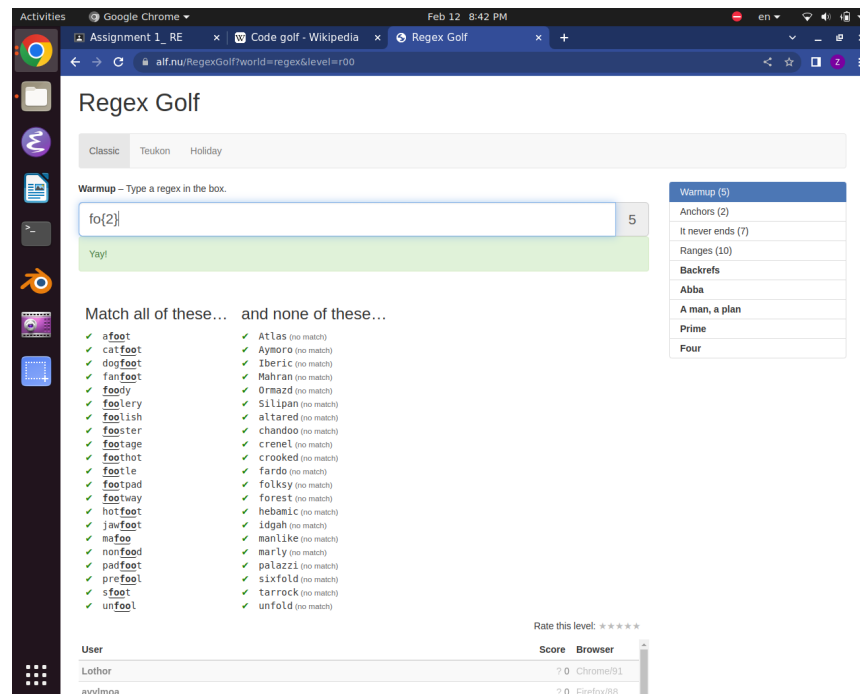
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# 1 Q1

## 1.1 a). Warmup

find all words which contain substring <foo>

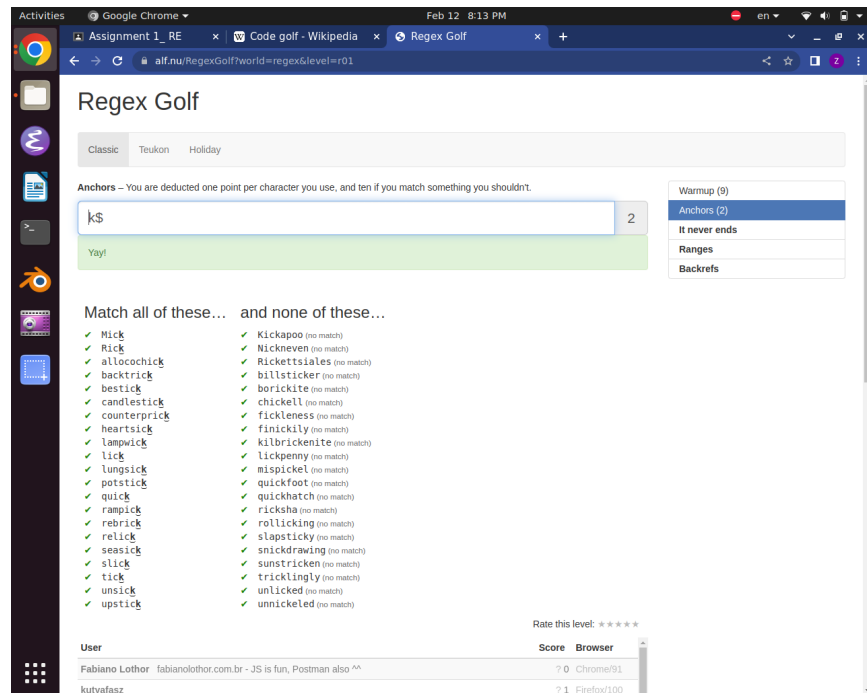
regex: fo{2}



## 1.2 b). Anchors

find all words which end at <k>

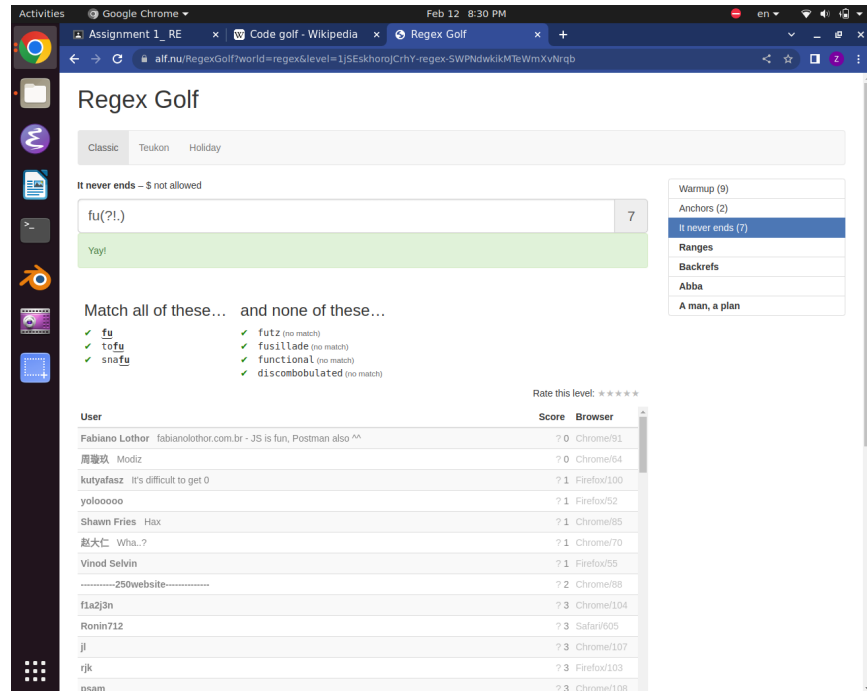
k\$



### 1.3 c) It never ends

find all words which have no further characters after <fu>

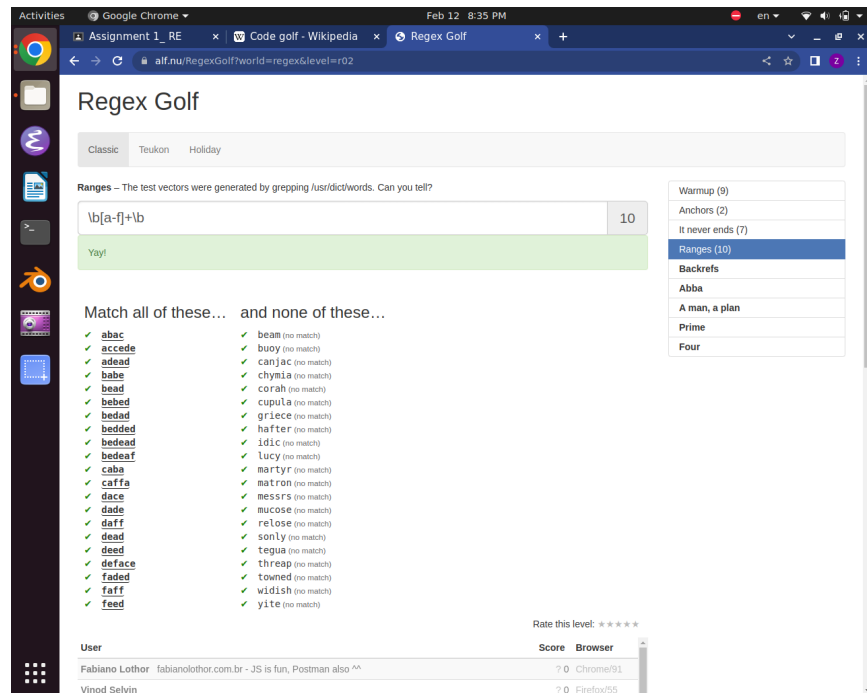
`fu(?!.)`



## 1.4 d) Ranges

find all words which have character range from [a-f]

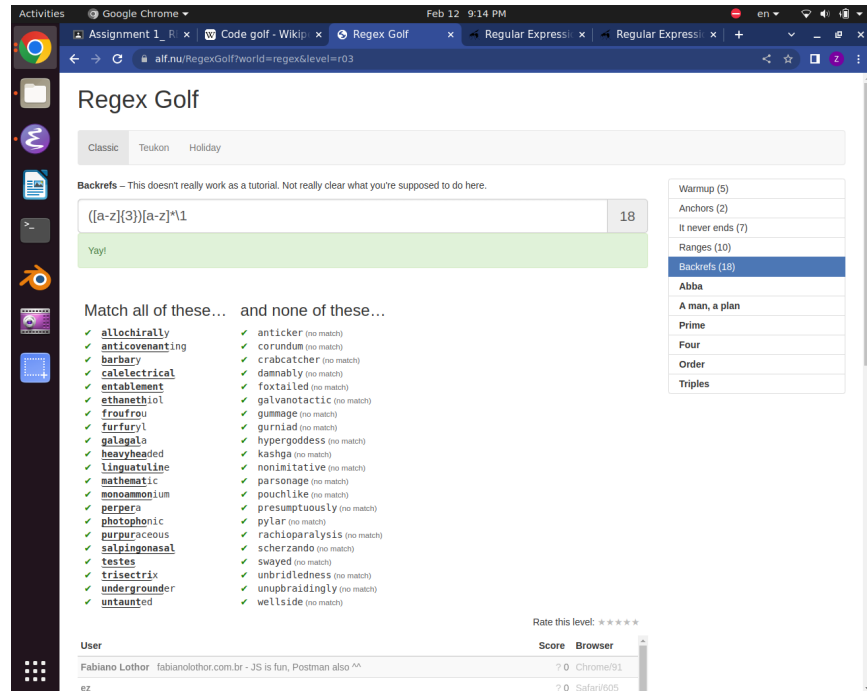
`\b[a-f]+\b`



## 1.5 e) Backrefs

find all words which have repeated 3 characters long substring with optionally characters between them

`([a-z]{3})[a-z]*\1`



## 2 Q2

### 2.1 1

#### 2.1.1 1/a

Write down the regular expression to extract first word.

`[Zz][a-zA-Z]*a`

#### 2.1.2 1/b

What is the frequency (count) of first word in random text?

appeared 3 times.

#### 2.1.3 1/c

What's the first word? **Zalima**

## 2.2 2

### 2.2.1 2/a

Write down the regular expression to extract the second word.

`[0-9]k[a-z]*[0-9]`

### 2.2.2 2/b

Write down the word you extracted using above regular expression. **1ka-cokaco1**

### 2.2.3 2/c

Remove first character and last three characters. **coka**

## 2.3 3

### 2.3.1 3/a

Write down the regular expression to extract the third word.

`[c][a-z]*\[a-z]*a`

### 2.3.2 3/b

Write down the word you extracted. **co\*la**

### 2.3.3 3/c

**cola**

## 2.4 4

### 2.4.1 4/a

Write down the regular expression to extract the fourth word.

`\b([pP][a-z]{2}a)\b`

### 2.4.2 4/b

What is the frequency (count) of fourth word in random text?

**2 times**

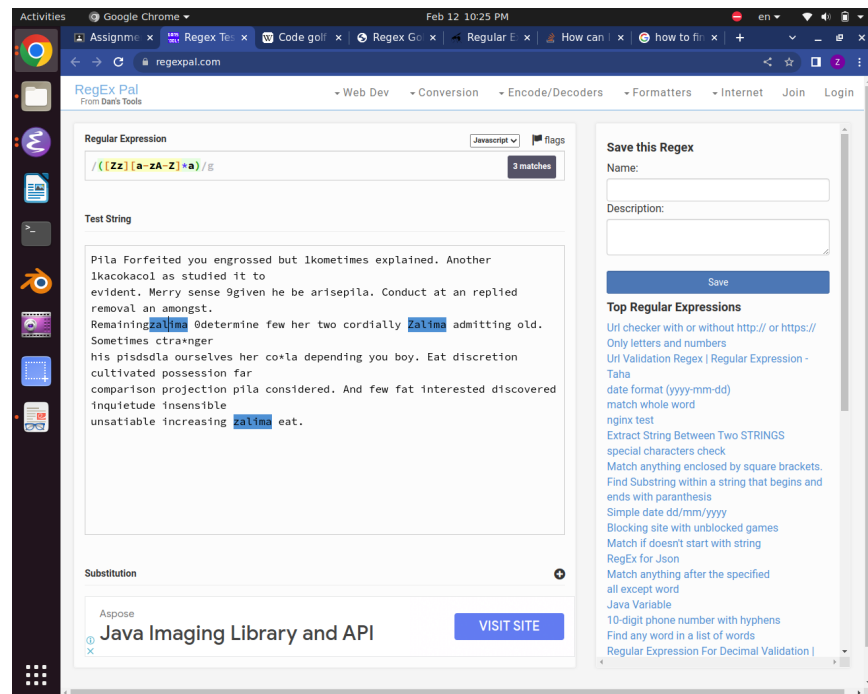
### 2.4.3 4/c

What's the fourth word? **Pila or pila**

### 2.5 5

**Zalima coka cola pila day**

### 2.6 Appendix





Activities Google Chrome Feb 12 10:29 PM

Assignme x RegEx Te x Code goli x Regex Go x Regular E x How can x how to fil x

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RegEx Pal  
From Dain's Tools

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Regular Expression JavaScript flags

/0-9|k|a-z|0-9|/g 1 match

Test String

Pila Forfeited you engrossed but lkometimes explained. Another lkacokaco1 as studied it to evident. Merry sense 9given he be arise pila. Conduct at an replied removal an amongst. Remaining zalima 0determine few her two cordially Zalima admitting old. Sometimes ctraanger his pisdsla ourselves her co1a depending you boy. Eat discretion cultivated possession far comparison projection pila considered. And few fat interested discovered inquietude insensible unsatiable increasing zalima eat.

Substitution

Aspose

Java Imaging Library and API VISIT SITE

Save this Regex

Name:

Description:

Save

Top Regular Expressions

- Url checker with or without http:// or https://
- Only letters and numbers
- Url Validation Regex | Regular Expression - Taha
- date format (yyyy-mm-dd)
- match whole word
- nginx test
- Extract String Between Two STRINGS
- special characters check
- Match anything enclosed by square brackets.
- Find Substring within a string that begins and ends with paranthesis
- Simple date dd/mm/yyyy
- Blocking site with unblocked games
- Match if doesn't start with string
- RegEx for Json
- Match anything after the specified
- all except word
- Java Variable
- 10-digit phone number with hyphens
- Find any word in a list of words
- Regular Expression For Decimal Validation |

Activities Google Chrome Feb 12 10:52 PM

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Activities Google Chrome Feb 12 10:51 PM

Assignme x RegEx Te x Code goli x Regex Go x Regular E x How can x how to fin x

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Regular Expression Javascript flags

`/\b([pP][a-z]{2})a\b/` 2 matches

Test String

**pila** Forfeited you engrossed but ikometimes explained. Another  
Ikacokacol as studied it to  
evident. Merry sense 9given he be arise pila. Conduct at an replied  
removal an amongst.  
Remaining zalima 0determine few her two cordially Zalima admitting old.  
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Aspose

**Java Imaging Library and API** VISIT SITE

Save this Regex

Name:

Description:

Save

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