**ASSIGNMENT-14**

**Regular Expressions**

1.Extract the user id, domain name and suffix from the following email addresses.

emails = """zuck26@facebook.com  
page33@google.com  
jeff42@amazon.com"""  
desired\_output = [('zuck26', 'facebook', 'com'),  
 ('page33', 'google', 'com'),  
 ('jeff42', 'amazon', 'com')]

2.Retrieve all the words starting with ‘b’ or ‘B’ from the following text.

text = """Betty bought a bit of butter, But the butter was so bitter, So she bought some better butter, To make the bitter butter better."""

3.Split the following irregular sentence into words

sentence = """A, very very; irregular\_sentence"""  
desired\_output = "A very very irregular sentence"

**Optional:**

1. Clean up the following tweet so that it contains only the user’s message. That is, remove all URLs, hashtags, mentions, punctuations, RTs and CCs.

tweet = '''Good advice! RT @TheNextWeb: What I would do differently if I was learning to code today http://t.co/lbwej0pxOd cc: @garybernhardt #rstats'''  
  
desired\_output = 'Good advice What I would do differently if I was learning to code today'