```
print(numeric_data.values())
        [60] #.....part3(sentence length).....
        sent_len_score={}
        for sentence in sent_tokens:
              sent len score[sentence] = 0
              word_tokens = nltk.word_tokenize(sentence)
             if len(word_tokens) in range(0,10):
                    sent_len_score[sentence]=1-0.05*(10-len(word_tokens))
              elif len(word_tokens) in range(7,20):
                   sent_len_score[sentence]=1
                  sent_len_score[sentence]=1-(0.05)*(len(word_tokens)-20)
        for k in sent_len_score.keys():
              sent_len_score[k]=round(sent_len_score[k],4)
        print(sent_len_score.values())
       dict_values([1, 0.8, 0.85, 1, 1, 1, 0.65, 0.95, 0.85, 1, 0.6, 0.2, 0.95, 1, 0.65, 0.4, 0.35, 1.0, 1, 0.7, 1, 1])
[61] #.....part4(sentence position).....
        sentence_position={}
        d=1
        no_of_sent=len(sent_tokens)
        for i in range(no_of_sent):
              b=1/(no_of_sent-d+1)
              sentence_position[sent_tokens[d-1]]=max(a,b)
              d=d+1
        for k in sentence_position.keys():
              sentence_position[k]=round(sentence_position[k],3)
        print(sentence_position.values())
       dict_values([1.0, 0.5, 0.333, 0.25, 0.2, 0.167, 0.143, 0.125, 0.111, 0.1, 0.091, 0.091, 0.1, 0.111, 0.125, 0.143, 0.167, 0.2, 0.25, 0.333, 0.5, 1.0])
[62] #Create a frequency table to compute the frequency of each word.
        freqTable = {}
        for word in word_tokens_refined:
              if word in freqTable:
                  freqTable[word] += 1
              else:
                  freqTable[word] = 1
        for k in freqTable.keys():
              freqTable[k]= math.log10(1+freqTable[k])
        #Compute word frequnecy score of each sentence
        word_frequency={}
        for sentence in sent_tokens:
              word_frequency[sentence]=0
              e=nltk.word_tokenize(sentence)
              f=[1
              for word in e:
                   f.append(ps.stem(word))
              for word,freq in freqTable.items():
                   if word in f:
                          word_frequency[sentence]+=freq
        maximum=max(word_frequency.values())
        for key in word_frequency.keys():
              try:
                    word frequency[key]=word frequency[key]/maximum
                    word_frequency[key]=round(word_frequency[key],3)
              except ZeroDivisionError:
                   x=0
        print(word_frequency.values())
       dict_values([0.52, 0.969, 0.658, 0.415, 0.282, 0.703, 0.821, 0.571, 0.544, 0.571, 0.751, 0.836, 0.415, 0.528, 0.585, 0.765, 1.0, 0.735, 0.466, 0.708, 0.628, 0.628, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708, 0.708,
[63] #.....part 6 (upper cases).....
        upper_case={}
        for sentence in sent_tokens:
             upper_case[sentence] = 0
              word_tokens = nltk.word_tokenize(sentence)
              for k in word_tokens:
                   if k.isupper():
                        upper_case[sentence] += 1
        maximum_frequency = max(upper_case.values())
        for k in upper_case.keys():
              try:
                    upper_case[k] = (upper_case[k]/maximum_frequency)
                    upper_case[k] = round(upper_case[k], 3)
              except ZeroDivisionError:
        print(upper_case.values())
        [64] #..... part7 (number of proper noun).....
       proper_noun={}
```

```
for sentence in sent tokens:
                 tagged_sent = pos_tag(sentence.split())
                 propernouns = [word for word, pos in tagged_sent if pos == 'NNP']
                  proper_noun[sentence]=len(propernouns)
          maximum_frequency = max(proper_noun.values())
          for k in proper_noun.keys():
                try:
                       proper_noun[k] = (proper_noun[k]/maximum_frequency)
                         proper_noun[k] = round(proper_noun[k], 3)
                 except ZeroDivisionError:
                       x=0
          print(proper_noun.values())
         dict_values([0.333, 0.167, 0.333, 0.393, 0.0, 0.167, 0.333, 0.5, 0.333, 1.0, 0.167, 0.0, 0.333, 0.667, 0.167, 0.333, 0.167, 0.333, 0.167, 1.0, 0.167])
[65] #..... part 8 (word matches with heading) ......
          head_match={}
          heading=sent_tokens[0]
          for sentence in sent_tokens:
                 head_match[sentence]=0
                 word_tokens = nltk.word_tokenize(sentence)
                 for k in word tokens:
                        if k not in stopWords:
                               k = ps.stem(k)
                               if k in ps.stem(heading):
                                     head_match[sentence] += 1
          maximum_frequency = max(head_match.values())
          for k in head_match.keys():
                 try:
                         head_match[k] = (head_match[k]/maximum_frequency)
                        head_match[k] = round(head_match[k], 3)
                 except ZeroDivisionError:
                        x=0
          print(head_match.values())
         dict_values([1.0, 0.625, 0.375, 0.25, 0.125, 0.375, 0.25, 0.25, 0.25, 0.375, 0.25, 0.375, 0.25, 0.125, 0.25, 0.125, 0.25, 0.125, 0.25, 0.125])
                                                                                                                                                                                                                                                           ↑ ↓ ⊖ 目 ‡ ♬ 📋 :
        total_score={}
          for k in cue_phrases.keys():
                 total\_score[k] = cue\_phrases[k] + numeric\_data[k] + sent\_len\_score[k] + sentence\_position[k] + word\_frequency[k] + upper\_case[k] + proper\_noun[k] + head\_match[k] + vord\_frequency[k] + upper\_case[k] + proper\_noun[k] + head\_match[k] + vord\_frequency[k] + vord\_freque
          print(total_score.values())
          dict_values([3.853, 3.061, 2.549000000000004, 2.248, 1.607, 2.412, 2.197, 2.229, 2.255, 2.379, 2.567, 1.544, 2.59, 2.222, 2.152, 2.72499999999996, 3.350000
[67] sumValues = 0
          for sentence in total_score:
                sumValues += total_score[sentence]
          average = sumValues / len(total_score)
          print(average)
          # Storing sentences into our summary.
          summary = '
          for sentence in sent_tokens:
                 if (sentence in total_score) and (total_score[sentence] > (1.2*average)):
                         summary += " " + sentence
          print(summary)
          2.6115909090909093
           Coronavirus: Belgium facing 'tsunami' of new infections. According to the Belgian health institute Sciensano, Belgium has recorded an average of 7,876 new da
[67]
```