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from antlr4 import *
from triplegenListener import triplegenListener

# overrides do nothing methods of triplegenListener

class triplegenListenerSubclass(triplegenListener):

    # enter parse tree produced by parser
    def enterPhrase(self, ctx):
        # instantiates num_words variable
        print ('Entering Phrase...')
        self.num_words = 0

    def exitPhrase(self, ctx):
        # print out word count after finished parsing the phrase
        print ('Finished...Number of words parsed is %s' % self.num_words)

    def enterWord(self, ctx):
        # increment the word count when listener sees a word
        self.num_words += 1

```

```

C:\Users\Rik\Desktop\Programming_Languages\A9>python RunnerListenerTripleWords.py
Entering Phrase...
Finished...Number of words parsed is 5

C:\Users\Rik\Desktop\Programming_Languages\A9>python RunnerListenerTripleWords.py
Entering Phrase...
Finished...Number of words parsed is 15

C:\Users\Rik\Desktop\Programming_Languages\A9>python RunnerListenerTripleWords.py
Entering Phrase...
Finished...Number of words parsed is 15

C:\Users\Rik\Desktop\Programming_Languages\A9>python RunnerListenerTripleWords.py
Entering Phrase...
Finished...Number of words parsed is 285

```