

```
In [138...]: import pandas as pd  
import numpy as np
```

```
In [139...]: dictionary = {}  
with open("Desktop/conv.txt") as file:  
    print(file)  
  
<_io.TextIOWrapper name='Desktop/conv.txt' mode='r' encoding='cp1252'>
```

```
In [ ]:
```

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In [ ]:
```

```
In [ ]:
```

```
In [140...]: data = open("Desktop/conv.txt", "r")  
com = data.readlines()  
com
```

```
Out[140]: ['WILL: Iâ€™ve never seen wildlings do a thing like this. Iâ€™ve never seen a thing like this, not ever in my life.\n',  
          '\n',  
          'WAYMAR ROYCE: How close did you get?\n',  
          '\n',  
          'WILL: Close as any man would.\n',  
          '\n',  
          'GARED: We should head back to the wall.\n',  
          '\n',  
          'ROYCE: Do the dead frighten you?\n',  
          '\n',  
          'GARED: Our orders were to track the wildlings. We tracked them. They wonâ€™t trouble us no more.\n',  
          '\n',  
          'ROYCE: You donâ€™t think heâ€™ll ask us how they died? Get back on your horse.\n',  
          '\n',  
          'WILL: Whatever did it to them could do it to us. They even killed the children.\n',  
          '\n',  
          'ROYCE: Itâ€™s a good thing weâ€™re not children. You want to run away south, run away. Of course, they will behead yo  
u as a deserter â€¦ If I donâ€™t catch you first. Get back on your horse. I wonâ€™t say it again.\n',  
          '\n',  
          'ROYCE: Your dead men seem to have moved camp.\n',  
          '\n',  
          'WILL: They were here.\n',  
          '\n',  
          'GARED: See where they went.\n',  
          '\n',  
          'ROYCE: What is it?\n',  
          '\n',  
          'JON: Go on. Fatherâ€™s watching.\n',  
          '\n',  
          'JON: And your mother.\n',  
          '\n',  
          'SEPTA MORDANE: Fine work, as always. Well done.\n',  
          '\n',  
          'SANSA: Thank you.\n',  
          '\n',  
          'SEPTA MORDANE: I love the detail that youâ€™ve managed to get in this corners.\n',  
          '\n',  
          'NED: And which one of you was a marksman at ten? Keep practicing, Bran. Go on.\n',  
          '\n',  
          'JON: Donâ€™t think too much, Bran.\n',  
          '\n',  
          'ROBB: Relax your bow arm.\n',  
          '\n',  
          'CASSEL: Lord Stark. My lady. A guardsman just rode in from the hills. Theyâ€™ve captured a deserter from the Nightâ€™  
s Watch.\n',  
          '\n']
```

'\n',  
'NED: Get the lads to saddle their horses.\n',  
'\n',  
'CATELYN: Do you have to?\n',  
'\n',  
'NED: He swore an oath, Cat.\n',  
'\n',  
'CASSEL: The law is law, my lady.\n',  
'\n',  
'NED: Tell Bran he's coming, too.\n',  
'\n',  
'CATELYN: Ned. Ten is too young to see such things.\n',  
'\n',  
'NED: He won't be a boy forever. And winter is coming.\n',  
'\n',  
'ROBB: Lad, go run back and get the rest.\n',  
'\n',  
'NED: King of the Andals and the First Men !\n',  
'\n',  
'JON: Father will know if you do.\n',  
'\n',  
'NED: Lord of the Seven Kingdoms and protector of the realm, I, Eddard of the House Stark, Lord of Winterfell and Ward  
en of the North, sentence you to die.\n',  
'\n',  
'JON: You did well.\n',  
'\n',  
'NED: You understand why I did it?\n',  
'\n',  
'BRAN: Jon said he was a deserter.\n',  
'\n',  
'NED: But do you understand why I had to kill him?\n',  
'\n',  
'BRAN: Our way is the old way?\n',  
'\n',  
'NED: The man who passes the sentence should swing the sword.\n',  
'\n',  
'BRAN: Is it true he saw the White Walkers?\n',  
'\n',  
'NED: The White Walkers have been gone for thousands of years.\n',  
'\n',  
'BRAN: So he was lying?\n',  
'\n',  
'NED: A madman sees what he sees.\n',  
'\n',  
'JON: What is it?\n',

```
'\n',
'THEON: Mountain lion?\n',
'\n',
'NED: There are no mountain lions in these woods.\n',
'\n',
'THEON: It's a freak.\n',
'\n',
'NED: It's a direwolf.\n',
'\n',
'NED: Tough old beast.\n',
'\n',
'ROBB: There are no direwolves south of the Wall.\n',
'\n',
'JON: Now there are five.\n',
'\n',
'JON: You want to hold it?\n',
'\n',
'BRAN: Where will they go? Their mother's dead.\n',
'\n',
'CASSEL: They don't belong down here.\n',
'\n',
'NED: Better a quick death. They won't last without their mother.\n',
'\n',
'THEON: Right. Give it here.\n',
'\n',
'BRAN: NO!\n',
'\n',
'ROBB: Put away your blade.\n',
'\n',
'THEON: I take orders from your father, not you.\n',
'\n',
'BRAN: Please, father!\n',
'\n',
'NED: I'm sorry, Bran.\n',
'\n',
'JON: Lord Stark? There are five pups. One for each of the Stark children. The direwolf is the sigil of your House. They were meant to have them.\n',
'\n',
'NED: You will train them yourselves. You will feed them yourselves. And if they die, you will bury them yourselves.\n',
'\n',
'BRAN: What about you?\n',
'\n',
'JON: I'm not a Stark. Get on.\n',
'\n',
```

'ROBB: What is it?\n',  
\n',  
'CERSEI: What if Jon Arryn told someone?\n',  
\n',  
'JAIME: But who would he tell?\n',  
\n',  
'CERSEI: My husband.\n',  
\n',  
'JAIME: If he told the king, both our heads would be skewered on the city gates by now. Whatever Jon Arryn knew or did  
n't know, it died with him. And Robert will choose a new Hand of the king, someone to do his job while he's off fuc  
king boars and hunting whores. Or is it the other way around? And life will go on.\n',  
\n',  
'CERSEI: You should be the Hand of the king.\n',  
\n',  
'JAIME: That's an honor I can do without. Their days are too long, their lives are too short.\n',  
\n',  
'CATELYN: All these years and I still feel like an outsider when I come here.\n',  
\n',  
'NED: You have five northern children. You're not an outsider.\n',  
\n',  
'CATELYN: I wonder if the old gods agree.\n',  
\n',  
'NED: It's your gods with all the rules.\n',  
\n',  
'CATELYN: I am so sorry, my love.\n',  
\n',  
'NED: Tell me.\n',  
\n',  
'ROBB: I hear the prince is a right royal prick.\n',  
\n',  
'THEON: Think of all those southern girls he gets to stab with his right royal prick.\n',  
\n',  
'ROBB: Go on, Tommy, shave him good. He's never met a girl he likes better than his own hair.\n',  
\n',  
'CATELYN: Gods, but they grow fast.\n',  
\n',  
'BRAN: I saw the king! He's got hundreds of people!\n',  
\n',  
'CATELYN: How many times have I told you No climbing!\n',  
\n',  
'BRAN: But he's coming right now! Down our road!\n',  
\n',  
'CATELYN: I want you to promise me. No more climbing.\n',  
\n',  
'NED: Your Grace.\n',

'\n',  
'ROBERT: You've got fat.\n',  
'\n',  
'ROBERT: Cat!\n',  
'\n',  
'CATELYN: Your Grace.\n',  
'\n',  
'ROBERT: Nine years. Why haven't I seen you? Where the hell have you been?\n',  
'\n',  
'NED: Guarding the North for you, Your Grace. Winterfell is yours.\n',  
'\n',  
'ARYA: Where's the Imp?\n',  
'\n',  
'SANSA: Will you shut up?\n',  
'\n',  
'ROBERT: Who have we here? You must be Robb.\n',  
'\n',  
'ARYA: Arya.\n',  
'\n',  
'ROBERT: Ooh. Show us your muscles. You'll be a soldier.\n',  
'\n',  
'ARYA: That's Jaime Lannister. The queen's twin brother.\n',  
'\n',  
'SANSA: Would you please shut up.\n',  
'\n',  
'NED: My queen.\n',  
'\n',  
'CATELYN: My queen.\n',  
'\n',  
'ROBERT: Take me to your crypt. I want to pay my respects.\n',  
'\n',  
'CERSEI: We've been riding for a month, my love. Surely the dead can wait.\n',  
'\n',  
'ROBERT: Ned.\n',  
'\n',  
'ARYA: Where's the Imp?\n',  
'\n',  
'CERSEI: Where is our brother? Go find the little beast.\n',  
'\n',  
'NED: Tell me about Jon Arryn.\n',  
'\n',  
'ROBERT: One minute he was fine, and then he! Burned right through him, whatever it was. I loved that man.\n',  
'\n',  
'NED: We both did.\n',  
'\n',

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'ROBERT: He never had to teach you much, but me ¢! You remember me at 16? All I wanted to do was crack skulls and fuc  
k girls. He showed me what was what.\n',  
\n',  
'NED: Aye.\n',  
\n']
```

In [ ]:

In [ ]:

```
In [141]: with open("Desktop/conv.txt","r") as file:  
    for line in file:  
        data = line.split()  
  
        print(data)
```

```
['WILL:', 'Iâ€™ve', 'never', 'seen', 'wildlings', 'do', 'a', 'thing', 'like', 'this.', 'Iâ€™ve', 'never', 'seen', 'a', 'thing', 'like', 'this.', 'not', 'ever', 'in', 'my', 'life.']
[]
['WAYMAR', 'ROYCE:', 'How', 'close', 'did', 'you', 'get?']
[]
['WILL:', 'Close', 'as', 'any', 'man', 'would.']
[]
['GARED:', 'We', 'should', 'head', 'back', 'to', 'the', 'wall.']
[]
['ROYCE:', 'Do', 'the', 'dead', 'frighten', 'you?']
[]
['GARED:', 'Our', 'orders', 'were', 'to', 'track', 'the', 'wildlings.', 'We', 'tracked', 'them.', 'They', 'wonâ€™t', 'trouble', 'us', 'no', 'more.']
[]
['ROYCE:', 'You', 'donâ€™t', 'think', 'heâ€™ll', 'ask', 'us', 'how', 'they', 'died?', 'Get', 'back', 'on', 'your', 'horse.']
[]
['WILL:', 'Whatever', 'did', 'it', 'to', 'them', 'could', 'do', 'it', 'to', 'us.', 'They', 'even', 'killed', 'the', 'children.']
[]
['ROYCE:', 'Itâ€™s', 'a', 'good', 'thing', 'weâ€™re', 'not', 'children.', 'You', 'want', 'to', 'run', 'away', 'south,', 'run', 'away.', 'Of', 'course,', 'they', 'will', 'behead', 'you', 'as', 'a', 'deserter', 'â€¢', 'If', 'I', 'donâ€™t', 'catch', 'you', 'first.', 'Get', 'back', 'on', 'your', 'horse.', 'I', 'wonâ€™t', 'say', 'it', 'again.']
[]
['ROYCE:', 'Your', 'dead', 'men', 'seem', 'to', 'have', 'moved', 'camp.']
[]
['WILL:', 'They', 'were', 'here.']
[]
['GARED:', 'See', 'where', 'they', 'went.']
[]
['ROYCE:', 'What', 'is', 'it?']
[]
['JON:', 'Go', 'on.', 'Fatherâ€™s', 'watching.']
[]
['JON:', 'And', 'your', 'mother.']
[]
['SEPTA', 'MORDANE:', 'Fine', 'work,', 'as', 'always.', 'Well', 'done.']
[]
['SANSA:', 'Thank', 'you.']
[]
['SEPTA', 'MORDANE:', 'I', 'love', 'the', 'detail', 'that', 'youâ€™ve', 'managed', 'to', 'get', 'in', 'this', 'corner.']
[]
['NED:', 'And', 'which', 'one', 'of', 'you', 'was', 'a', 'marksman', 'at', 'ten?', 'Keep', 'practicing,', 'Bran.', 'Go', 'on.']}
```

```
[]  
['JON:', 'Donâ€™t', 'think', 'too', 'much,', 'Bran.'][  
[]  
['ROBB:', 'Relax', 'your', 'bow', 'arm.'][  
[]  
['CASSEL:', 'Lord', 'Stark.', 'My', 'lady.', 'A', 'guardsman', 'just', 'rode', 'in', 'from', 'the', 'hills.', 'Theyâ€™ve', 'captured', 'a', 'deserter', 'from', 'the', 'Nightâ€™s', 'Watch.'][  
[]  
['NED:', 'Get', 'the', 'lads', 'to', 'saddle', 'their', 'horses.'][  
[]  
['CATELYN:', 'Do', 'you', 'have', 'to?'][  
[]  
['NED:', 'He', 'swore', 'an', 'oath,', 'Cat.'][  
[]  
['CASSEL:', 'The', 'law', 'is', 'law,', 'my', 'lady.'][  
[]  
['NED:', 'Tell', 'Bran', 'heâ€™s', 'coming,', 'too.'][  
[]  
['CATELYN:', 'Ned.', 'Ten', 'is', 'too', 'young', 'to', 'see', 'such', 'things.'][  
[]  
['NED:', 'He', 'wonâ€™t', 'be', 'a', 'boy', 'forever.', 'And', 'winter', 'is', 'coming.'][  
[]  
['ROBB:', 'Lad,', 'go', 'run', 'back', 'and', 'get', 'the', 'rest.'][  
[]  
['NED:', 'King', 'of', 'the', 'Andals', 'and', 'the', 'First', 'Men', 'â€!]'][  
[]  
['JON:', 'Father', 'will', 'know', 'if', 'you', 'do.'][  
[]  
['NED:', 'Lord', 'of', 'the', 'Seven', 'Kingdoms', 'and', 'protector', 'of', 'the', 'realm,', 'I,', 'Eddard', 'of', 'the', 'House', 'Stark,', 'Lord', 'of', 'Winterfell', 'and', 'Warden', 'of', 'the', 'North,', 'sentence', 'you', 'to', 'die.'][  
[]  
['JON:', 'You', 'did', 'well.'][  
[]  
['NED:', 'You', 'understand', 'why', 'I', 'did', 'it?'][  
[]  
['BRAN:', 'Jon', 'said', 'he', 'was', 'a', 'deserter.'][  
[]  
['NED:', 'But', 'do', 'you', 'understand', 'why', 'I', 'had', 'to', 'kill', 'him?'][  
[]  
['BRAN:', 'Our', 'way', 'is', 'the', 'old', 'way?'][  
[]  
['NED:', 'The', 'man', 'who', 'passes', 'the', 'sentence', 'should', 'swing', 'the', 'sword.'][  
[]  
['BRAN:', 'Is', 'it', 'true', 'he', 'saw', 'the', 'White', 'Walkers?']
```

```
[]  
['NED:', 'The', 'White', 'Walkers', 'have', 'been', 'gone', 'for', 'thousands', 'of', 'years.]  
[]  
['BRAN:', 'So', 'he', 'was', 'lying?']  
[]  
['NED:', 'A', 'madman', 'sees', 'what', 'he', 'sees.'][br/>[]  
['JON:', 'What', 'is', 'it?']  
[]  
['THEON:', 'Mountain', 'lion?']  
[]  
['NED:', 'There', 'are', 'no', 'mountain', 'lions', 'in', 'these', 'woods.'][br/>[]  
['THEON:', 'It's', 'a', 'freak.'][br/>[]  
['NED:', 'It's', 'a', 'direwolf.'][br/>[]  
['NED:', 'Tough', 'old', 'beast.'][br/>[]  
['ROBB:', 'There', 'are', 'no', 'direwolves', 'south', 'of', 'the', 'Wall.'][br/>[]  
['JON:', 'Now', 'there', 'are', 'five.'][br/>[]  
['JON:', 'You', 'want', 'to', 'hold', 'it?']  
[]  
['BRAN:', 'Where', 'will', 'they', 'go?', 'Their', 'mother's', 'dead.'][br/>[]  
['CASSEL:', 'They', 'don't', 'belong', 'down', 'here.'][br/>[]  
['NED:', 'Better', 'a', 'quick', 'death.', 'They', 'won't', 'last', 'without', 'their', 'mother.'][br/>[]  
['THEON:', 'Right.', 'Give', 'it', 'here.'][br/>[]  
['BRAN:', 'NO!']  
[]  
['ROBB:', 'Put', 'away', 'your', 'blade.'][br/>[]  
['THEON:', 'I', 'take', 'orders', 'from', 'your', 'father,', 'not', 'you.'][br/>[]  
['BRAN:', 'Please,', 'father!']  
[]  
['NED:', 'I'm', 'sorry,', 'Bran.'][br/>[]  
['JON:', 'Lord', 'Stark?', 'There', 'are', 'five', 'pups.', 'One', 'for', 'each', 'of', 'the', 'Stark', 'children.', 'They', 'direwolf', 'is', 'the', 'sigil', 'of', 'your', 'House.', 'They', 'were', 'meant', 'to', 'have', 'them.'][br/>[]
```

```
[]  
['NED:', 'You', 'will', 'train', 'them', 'yourselves.', 'You', 'will', 'feed', 'them', 'yourselves.', 'And', 'if', 'the  
y', 'die,', 'you', 'will', 'bury', 'them', 'yourselves.'][  
[]  
['BRAN:', 'What', 'about', 'you?'][  
[]  
['JON:', 'Iâ€™m', 'not', 'a', 'Stark.', 'Get', 'on.'][  
[]  
['ROBB:', 'What', 'is', 'it?'][  
[]  
['CERSEI:', 'What', 'if', 'Jon', 'Arryn', 'told', 'someone?'][  
[]  
['JAIME:', 'But', 'who', 'would', 'he', 'tell?'][  
[]  
['CERSEI:', 'My', 'husband.'][  
[]  
['JAIME:', 'If', 'he', 'told', 'the', 'king,', 'both', 'our', 'heads', 'would', 'be', 'skewered', 'on', 'the', 'city',  
'gates', 'by', 'now.', 'Whatever', 'Jon', 'Arryn', 'knew', 'or', 'didnâ€™t', 'know,', 'it', 'died', 'with', 'him.', 'An  
d', 'Robert', 'will', 'choose', 'a', 'new', 'Hand', 'of', 'the', 'king,', 'someone', 'to', 'do', 'his', 'job', 'while',  
'heâ€™s', 'off', 'fucking', 'boars', 'and', 'hunting', 'whores.', 'Or', 'is', 'it', 'the', 'other', 'way', 'around?',  
'And', 'life', 'will', 'go', 'on.'][  
[]  
['CERSEI:', 'You', 'should', 'be', 'the', 'Hand', 'of', 'the', 'king.'][  
[]  
['JAIME:', 'Thatâ€™s', 'an', 'honor', 'I', 'can', 'do', 'without.', 'Their', 'days', 'are', 'too', 'long,', 'their', 'l  
ives', 'are', 'too', 'short.'][  
[]  
['CATELYN:', 'All', 'these', 'years', 'and', 'I', 'still', 'feel', 'like', 'an', 'outsider', 'when', 'I', 'come', 'her  
e.'][  
[]  
['NED:', 'You', 'have', 'five', 'northern', 'children.', 'Youâ€™re', 'not', 'an', 'outsider.'][  
[]  
['CATELYN:', 'I', 'wonder', 'if', 'the', 'old', 'gods', 'agree.'][  
[]  
['NED:', 'Itâ€™s', 'your', 'gods', 'with', 'all', 'the', 'rules.'][  
[]  
['CATELYN:', 'I', 'am', 'so', 'sorry,', 'my', 'love.'][  
[]  
['NED:', 'Tell', 'me.'][  
[]  
['ROBB:', 'I', 'hear', 'the', 'prince', 'is', 'a', 'right', 'royal', 'prick.'][  
[]  
['THEON:', 'Think', 'of', 'all', 'those', 'southern', 'girls', 'he', 'gets', 'to', 'stab', 'with', 'his', 'right', 'roy  
al', 'prick.'][  
[]
```

```
['ROBB:', 'Go', 'on,', 'Tommy,', 'shave', 'him', 'good.', 'Heâ€™s', 'never', 'met', 'a', 'girl', 'he', 'likes', 'bette  
r', 'than', 'his', 'own', 'hair.]  
[]  
['CATELYN:', 'Gods,', 'but', 'they', 'grow', 'fast.'][  
[]  
['BRAN:', 'I', 'saw', 'the', 'king!', 'Heâ€™s', 'got', 'hundreds', 'of', 'people!']  
[]  
['CATELYN:', 'How', 'many', 'times', 'have', 'I', 'told', 'you', 'No', 'climbing!']  
[]  
['BRAN:', 'But', 'heâ€™s', 'coming', 'right', 'now!', 'Down', 'our', 'road!']  
[]  
['CATELYN:', 'I', 'want', 'you', 'to', 'promise', 'me.', 'No', 'more', 'climbing.'][  
[]  
['NED:', 'Your', 'Grace.'][  
[]  
['ROBERT:', 'Youâ€™ve', 'got', 'fat.'][  
[]  
['ROBERT:', 'Cat!'][  
[]  
['CATELYN:', 'Your', 'Grace.'][  
[]  
['ROBERT:', 'Nine', 'years.', 'Why', 'havenâ€™t', 'I', 'seen', 'you?', 'Where', 'the', 'hell', 'have', 'you', 'been?'][  
[]  
['NED:', 'Guarding', 'the', 'North', 'for', 'you,', 'Your', 'Grace.', 'Winterfell', 'is', 'yours.'][  
[]  
['ARYA:', 'Whereâ€™s', 'the', 'Imp?'][  
[]  
['SANSA:', 'Will', 'you', 'shut', 'up?'][  
[]  
['ROBERT:', 'Who', 'have', 'we', 'here?', 'You', 'must', 'be', 'Robb.'][  
[]  
['ARYA:', 'Arya.'][  
[]  
['ROBERT:', 'Ooh.', 'Show', 'us', 'your', 'muscles.', 'Youâ€™ll', 'be', 'a', 'soldier.'][  
[]  
['ARYA:', 'Thatâ€™s', 'Jaime', 'Lannister.', 'The', 'queenâ€™s', 'twin', 'brother.'][  
[]  
['SANSA:', 'Would', 'you', 'please', 'shut', 'up.'][  
[]  
['NED:', 'My', 'queen.'][  
[]  
['CATELYN:', 'My', 'queen.'][  
[]  
['ROBERT:', 'Take', 'me', 'to', 'your', 'crypt.', 'I', 'want', 'to', 'pay', 'my', 'respects.'][  
[]
```

```
[CERSEI:', 'We've', 'been', 'riding', 'for', 'a', 'month,', 'my', 'love.', 'Surely', 'the', 'dead', 'can', 'wait.']
[]
['ROBERT:', 'Ned.']
[]
['ARYA:', 'Where's', 'the', 'Imp?']
[]
['CERSEI:', 'Where', 'is', 'our', 'brother?', 'Go', 'find', 'the', 'little', 'beast.']
[]
['NED:', 'Tell', 'me', 'about', 'Jon', 'Arryn.']
[]
['ROBERT:', 'One', 'minute', 'he', 'was', 'fine,', 'and', 'then', 'â€!', 'Burned', 'right', 'through', 'him,', 'whatever',
 'it', 'was.', 'I', 'loved', 'that', 'man.']
[]
['NED:', 'We', 'both', 'did.']
[]
['ROBERT:', 'He', 'never', 'had', 'to', 'teach', 'you', 'much,', 'but', 'me', 'â€!', 'You', 'remember', 'me', 'at', '1
 6?', 'All', 'I', 'wanted', 'to', 'do', 'was', 'crack', 'skulls', 'and', 'fuck', 'girls.', 'He', 'showed', 'me', 'what',
 'was', 'what.']
[]
['NED:', 'Aye.']
[]
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In [ ]:

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In [ ]: 
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In [148...]: 
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In [ ]: 
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In [ ]: 
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```
In [145...]: ten_words = list(word_count.keys())[::]
for word in ten_words:
    print("{0:15}{1:8d}".format(word,word_count[word]))
```

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**TypeError** Traceback (most recent call last)  
Input In [145], in <cell line: 1>()  
----> 1 ten\_words = list(word\_count.keys())[::]  
 2 for word in ten\_words:  
 3 print("{0:15}{1:8d}".format(word,word\_count[word]))

**TypeError**: 'list' object is not callable

```
In [146...]: def order_dict_by_freq(dictionary):
    sorted_values = []
    for key in dictionary:
        sorted_values.append((dictionary[key],key))
    sorted_values = sorted(sorted_values)
    sorted_values = sorted_values[::-1]
    return sorted_values
```

```
In [147...]: top_words = order_dict_by_freq(word_count)[::-1]
for tuple_freq in top_words:
    count, word = tuple_freq
    print("{0:15}{1:8d}".format(word,count))
```

```
-----  
TypeError                                         Traceback (most recent call last)  
Input In [147], in <cell line: 1>()  
----> 1 top_words = order_dict_by_freq(word_count)[::-1]  
      2 for tuple_freq in top_words:  
      3     count, word = tuple_freq  
  
TypeError: 'NoneType' object is not subscriptable
```

In [ ]:

```
In [143... x = open('Desktop/conv.txt')  
for line in x:  
    if line.startswith("WILL"):  
        print(line)
```

WILL: I've never seen wildlings do a thing like this. I've never seen a thing like this, not ever in my life.

WILL: Close as any man would.

WILL: Whatever did it to them could do it to us. They even killed the children.

WILL: They were here.

```
In [149... x = open('Desktop/conv.txt')  
for line in x:  
    if line.startswith("WAYMAR ROYCE"):  
        print(line)
```

WAYMAR ROYCE: How close did you get?

```
In [150... x = open('Desktop/conv.txt')  
for line in x:  
    if line.startswith("JON"):  
        print(line)
```

JON: Go on. Father's watching.

JON: And your mother.

JON: Don't think too much, Bran.

JON: Father will know if you do.

JON: You did well.

JON: What is it?

JON: Now there are five.

JON: You want to hold it?

JON: Lord Stark? There are five pups. One for each of the Stark children. The direwolf is the sigil of your House. They were meant to have them.

JON: I'm not a Stark. Get on.

```
In [151...]  
x = open('Desktop/conv.txt')  
for line in x:  
    if line.startswith("SEPTA"):  
        print(line)
```

SEPTA MORDANE: Fine work, as always. Well done.

SEPTA MORDANE: I love the detail that you've managed to get in this corners.

```
In [152...]  
x = open('Desktop/conv.txt')  
for line in x:  
    if line.startswith("SEPTA"):  
        print(line)
```

SEPTA MORDANE: Fine work, as always. Well done.

SEPTA MORDANE: I love the detail that you've managed to get in this corners.

```
In [153...]  
x = open('Desktop/conv.txt')  
for line in x:  
    if line.startswith("NED"):  
        print(line)
```



NED: And which one of you was a marksman at ten? Keep practicing, Bran. Go on.

NED: Get the lads to saddle their horses.

NED: He swore an oath, Cat.

NED: Tell Bran he's coming, too.

NED: He won't be a boy forever. And winter is coming.

NED: King of the Andals and the First Men !

NED: Lord of the Seven Kingdoms and protector of the realm, I, Eddard of the House Stark, Lord of Winterfell and Warden of the North, sentence you to die.

NED: You understand why I did it?

NED: But do you understand why I had to kill him?

NED: The man who passes the sentence should swing the sword.

NED: The White Walkers have been gone for thousands of years.

NED: A madman sees what he sees.

NED: There are no mountain lions in these woods.

NED: It's a direwolf.

NED: Tough old beast.

NED: Better a quick death. They won't last without their mother.

NED: I'm sorry, Bran.

NED: You will train them yourselves. You will feed them yourselves. And if they die, you will bury them yourselves.

NED: You have five northern children. You're not an outsider.

NED: It's your gods with all the rules.

NED: Tell me.

NED: Your Grace.

NED: Guarding the North for you, Your Grace. Winterfell is yours.

NED: My queen.

NED: Tell me about Jon Arryn.

NED: We both did.

NED: Aye.

```
In [154...]: x = open('Desktop/conv.txt')
for line in x:
    if line.startswith("ROBERT"):
        print(line)
```

ROBERT: You've got fat.

ROBERT: Cat!

ROBERT: Nine years. Why haven't I seen you? Where the hell have you been?

ROBERT: Who have we here? You must be Robb.

ROBERT: Ooh. Show us your muscles. You'll be a soldier.

ROBERT: Take me to your crypt. I want to pay my respects.

ROBERT: Ned.

ROBERT: One minute he was fine, and then he! Burned right through him, whatever it was. I loved that man.

ROBERT: He never had to teach you much, but me he! You remember me at 16? All I wanted to do was crack skulls and fuck girls. He showed me what was what.

```
In [155...]: x = open('Desktop/conv.txt')
for line in x:
    if line.startswith("CATELYN"):
        print(line)
```

CATELYN: Do you have to?

CATELYN: Ned. Ten is too young to see such things.

CATELYN: All these years and I still feel like an outsider when I come here.

CATELYN: I wonder if the old gods agree.

CATELYN: I am so sorry, my love.

CATELYN: Gods, but they grow fast.

CATELYN: How many times have I told you No climbing!

CATELYN: I want you to promise me. No more climbing.

CATELYN: Your Grace.

CATELYN: My queen.

```
In [156]: x = open('Desktop/conv.txt')
for line in x:
    if line.startswith("BRAN"):
        print(line)
```

BRAN: Jon said he was a deserter.

BRAN: Our way is the old way?

BRAN: Is it true he saw the White Walkers?

BRAN: So he was lying?

BRAN: Where will they go? Their mother's dead.

BRAN: NO!

BRAN: Please, father!

BRAN: What about you?

BRAN: I saw the king! He's got hundreds of people!

BRAN: But he's coming right now! Down our road!

```
In [157...]: x = open('Desktop/conv.txt')
for line in x:
    if line.startswith("THEON"):
        print(line)
```

THEON: Mountain lion?

THEON: It's a freak.

THEON: Right. Give it here.

THEON: I take orders from your father, not you.

THEON: Think of all those southern girls he gets to stab with his right royal prick.

```
In [158...]: x = open('Desktop/conv.txt')
for line in x:
    if line.startswith("JAIME"):
        print(line)
```

JAIME: But who would he tell?

JAIME: If he told the king, both our heads would be skewered on the city gates by now. Whatever Jon Arryn knew or didn't know, it died with him. And Robert will choose a new Hand of the king, someone to do his job while he's off fucking boars and hunting whores. Or is it the other way around? And life will go on.

JAIME: That's an honor I can do without. Their days are too long, their lives are too short.

```
In [159...]  
x = open('Desktop/conv.txt')  
for line in x:  
    if line.startswith("CERSEI"):  
        print(line)
```

CERSEI: What if Jon Arryn told someone?

CERSEI: My husband.

CERSEI: You should be the Hand of the king.

CERSEI: We've been riding for a month, my love. Surely the dead can wait.

CERSEI: Where is our brother? Go find the little beast.

```
In [160...]  
x = open('Desktop/conv.txt')  
for line in x:  
    if line.startswith("ARYA"):  
        print(line)
```

ARYA: Where's the Imp?

ARYA: Arya.

ARYA: That's Jaime Lannister. The queen's twin brother.

ARYA: Where's the Imp?

```
In [161...]  
x = open('Desktop/conv.txt')  
for line in x:  
    if line.startswith("GARED"):  
        print(line)
```

GARED: We should head back to the wall.

GARED: Our orders were to track the wildlings. We tracked them. They won't trouble us no more.

GARED: See where they went.

```
In [162...]: x = open('Desktop/conv.txt')
for line in x:
    if line.startswith("CASSEL"):
        line.split()
        print(line)
```

CASSEL: Lord Stark. My lady. A guardsman just rode in from the hills. They've captured a deserter from the Night's Watch.

CASSEL: The law is law, my lady.

CASSEL: They don't belong down here.

In [ ]:

```
In [ ]: dic = {}
with open("Desktop/conv.txt","r") as file:
    for line in file:
        line = line.strip()
        alist = line.split(',')
        dic[alist[0]] = alist[::]
```

```
print(dic)
```

In [ ]:

In [ ]:

In [ ]:

```
In [ ]: dic.keys()
```

In [ ]:

```
In [ ]: dic.items()
```

```
In [ ]: with open ("Desktop/conv.txt","r") as script:  
    speech = script.read().splitlines()  
    for lines in speech:  
        print(lines)
```

In [ ]:

In [ ]: