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Project Title: Develop a program that takes a text document as input and counts the frequency of each word. Display the most frequent words and their counts.

Sample text file:

```
Hi welcome to Python
How are You?
Are you a beginner to python?
```

Source Code and output:

```
import string

# Open the file in read mode
text = open("/content/pavithra.txt", "r")

# Create an empty dictionary
d = dict()

# Loop through each line of the file
for line in text:
    # Remove the leading spaces and newline character
    line = line.strip()

    # Convert the characters in line to
    # lowercase to avoid case mismatch
    line = line.lower()

    # Remove the punctuation marks from the line
    line = line.translate(line.maketrans("", "", string.punctuation))

    # Split the line into words
    words = line.split(" ")

    # Iterate over each word in line
```

```
# Iterate over each word in line
for word in words:
    # Check if the word is already in dictionary
    if word in d:
        # Increment count of word by 1
        d[word] = d[word] + 1
    else:
        # Add the word to dictionary with count 1
        d[word] = 1

# Print the contents of dictionary
for key in list(d.keys()):
    print(key, " ", d[key])
```

```
↳ hi 1
welcome 1
to 2
python 2
how 1
are 2
you 2
a 1
beginner 1
```

