Python Assignment - 1

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Aim: Write a python program to input a string, remove punctuation from a string and then sort words in alphabetical order. (LO1)

Code:

```python
# define punctuation
punctuations = '''!()-[]{};:'"\,<>./?@#$%^&*_~'''

# To take input from the user
my_str = input("Enter a string: ")

# remove punctuation from the string
no_punct = ""
for char in my_str:
   if char not in punctuations:
       no_punct = no_punct + char
   else:
       pass

# display the unpunctuated string no_punct

list1 = list(no_punct.split(" "))
print(list1)
print("-----------------------------------------")
list1.sort()
# displaying the sorted list
print(list1)
```

Output:

```
In [20]: runcell(0, 'C:/Users/jkfra/Desktop/Py-Labs/untitled0.py')

Enter a string: pranav% anand& frason$ binod!
['pranav', 'anand', 'frason', 'binod']
-------------------------------------------
['anand', 'binod', 'frason', 'pranav']
```