Project Explanation

Draw a bar graph using characters printed in the console window. The TextGraph program prompts the user to enter up to ten positive whole numbers *no larger than 50* separated by space characters. After the user hits return, the program generates a bar graph … one bar for each valid[1] number entered. Each bar contains a number of "=" characters equal to the one of the numbers entered. . Consider this example:

TextGraph: Draw a bar graph using characters

Enter up to 10 positive whole numbers less than 50: 10 20 40 op 30 99

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?
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?
```

Hints:

1. Use the `split()` method to create a Python `list` containing the individual strings that represent each number entered. Check out this console session:

```
>>> response = '1 2 3 4'
>>> numbers = response.split()
>>> numbers
['1', '2', '3', '4']
>>> for n in numbers:
        print(int(n))


1
2
3
4
>>> |
```

2. Traverse the list in a `for` loop and use each list item to create a string consisting of the correct number of "=" characters and print it. Use string arithmetic to create each bar …

```
>>> n = 10
>>> bar = n*'='
>>> bar
'=========='
>>>
```

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[1] If the user typed an invalid number, your program simply skips that number and prints a single "?" character instead