

```
In [1]: print("4th Day with python.")
```

4th Day with python.

```
In [5]: from random import randint
avengers=["Ant Man","Thor","Hulk","Captain America","Doctor strange","men in black","Spider man"]
l=len(avengers)
k=randint(0,l-1)
print(avengers[k])
```

Doctor strange

```
In [17]: from random import randint
avengers=["Ant Man","Thor","Hulk","Captain America","Doctor strange","men in black","Spider man"]
l=len(avengers)
k=randint(0,l-1)
print(avengers[k])
```

```
s=""
for i in avengers[k]:
    if i==' ' or i=='0' or i=='1' or i=='a' or i=='e':
        s+=1
        s+=" "
        continue
    s+=i
print(s)
```

Captain America

```
-----
TypeError                                Traceback (most recent call last)
Input In [17], in <cell line: 8>()
      8 for i in avengers[k]:
      9     if i==' ' or i=='0' or i=='1' or i=='a' or i=='e':
----> 10         s+=1
      11         s+=" "
      12         continue

TypeError: can only concatenate str (not "int") to str
```

```
In [22]: from random_word_generator import pick_random_word

print(pick_random_word())
```

```
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ModuleNotFoundError                      Traceback (most recent call last)
Input In [22], in <cell line: 1>()
----> 1 from random_word_generator import pick_random_word
      3 print(pick_random_word())

ModuleNotFoundError: No module named 'random_word_generator'
```

```
In [1]: pip install matplotlib
```

Requirement already satisfied: matplotlib in c:\users\deepak kumar\anaconda3\lib\site-packages (3.5.1)
Requirement already satisfied: python-dateutil>=2.7 in c:\users\deepak kumar\anaconda3\lib\site-packages (from matplotlib) (2.8.2)
Requirement already satisfied: pillow>=6.2.0 in c:\users\deepak kumar\anaconda3\lib\site-packages (from matplotlib) (9.0.1)
Requirement already satisfied: cycler>=0.10 in c:\users\deepak kumar\anaconda3\lib\site-packages (from matplotlib) (0.11.0)
Requirement already satisfied: numpy>=1.17 in c:\users\deepak kumar\anaconda3\lib\site-packages (from matplotlib) (1.21.5)
Requirement already satisfied: kiwisolver>=1.0.1 in c:\users\deepak kumar\anaconda3\lib\site-packages (from matplotlib) (1.3.2)
Requirement already satisfied: packaging>=20.0 in c:\users\deepak kumar\anaconda3\lib\site-packages (from matplotlib) (21.3)
Requirement already satisfied: fonttools>=4.22.0 in c:\users\deepak kumar\anaconda3\lib\site-packages (from matplotlib) (4.25.0)
Requirement already satisfied: pyparsing>=2.2.1 in c:\users\deepak kumar\anaconda3\lib\site-packages (from matplotlib) (3.0.4)
Requirement already satisfied: six>=1.5 in c:\users\deepak kumar\anaconda3\lib\site-packages (from python-dateutil>=2.7->matplotlib) (1.16.0)
Note: you may need to restart the kernel to use updated packages.

```
In [2]: import matplotlib
```

```
In [4]: import math
```

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In [ ]:
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