In [7]:
```
colors=['red','blue','green','yellow']

result='-'.join(colors).upper()
print(result)
items=result.split('-')
print(items)
```

```
RED-BLUE-GREEN-YELLOW
['RED', 'BLUE', 'GREEN', 'YELLOW']
```

In [27]:
```
a="""The judge overseeing former President Donald Trump's hush money case released a questionnaire for jury selection on Monday and stated that prospective jurors will not be asked about their voting preferences. """
b=a.split()
print(b)
c=[i for i in b if len(i)>4]
print(c)
d={i:j for i,j in enumerate(c)}
print(d)
```

```
['The', 'judge', 'overseeing', 'former', 'President', 'Donald', 'Trump's', 'hush', 'money', 'case', 'released', 'a', 'questionnaire', 'for', 'jury', 'selection', 'on', 'Monday', 'and', 'stated', 'that', 'prospective', 'jurors', 'will', 'not', 'be', 'asked', 'about', 'their', 'voting', 'preferences.']
['judge', 'overseeing', 'former', 'President', 'Donald', 'Trump's', 'money', 'released', 'questionnaire', 'selection', 'Monday', 'stated', 'prospective', 'jurors', 'asked', 'about', 'their', 'voting', 'preferences.']
{0: 'judge', 1: 'overseeing', 2: 'former', 3: 'President', 4: 'Donald', 5: 'Trump's', 6: 'money', 7: 'released', 8: 'questionnaire', 9: 'selection', 10: 'Monday', 11: 'stated', 12: 'prospective', 13: 'jurors', 14: 'asked', 15: 'about', 16: 'their', 17: 'voting', 18: 'preferences.'}
```

In [28]:
```
a="news.cnn.com"
subdomain,domain,tld=a.split('.')#unpacking
print(domain)
```

```
cnn
```

In [11]:
```
#zip
a=[1,2,3,]
b=[10,20,30]
c=[100,200,300]
result=[x for x in zip(a,b,c)]
print(result)
result=[sum(x) for x in zip(a,b,c)]
print(result)
```

```
[(1, 10, 100), (2, 20, 200), (3, 30, 300)]
[111, 222, 333]
```

In [17]:
```
kor_score=[49,80,20,100,80]
math_score=[43,60,85,30,90]
eng_score=[49,82,48,50,100]

s_score=[sum(x)/len(x)for x in zip(kor_score,math_score,eng_score)]
print(s_score)
```

```
[47.0, 74.0, 51.0, 60.0, 90.0]
```

In [31]:
```
a=['tic','tac','toe']
for i,v in enumerate(a):
    print(i,v)
b={i:j for i,j in enumerate(a)}
print(b)
```

```
0 tic
1 tac
2 toe
{0: 'tic', 1: 'tac', 2: 'toe'}
```

In [35]:
```
path="c:WWuserWWdocumentsWWpython.exe"
pathlist=path.split('WW')
print(pathlist('WW')[-1]
pathlist.reverse()
print(pathlist[0],pathlist)
print(path.rfind("WW")
p2=path[path.rfind("WW")+1:]
print(p2)
```

```
  File "<ipython-input-35-77a58b6182c7>", line 4
    pathlist.reverse()
    ^
SyntaxError: invalid syntax
```

In [43]:
```
#by the way ==>BTW
phrase=input()
k=phrase.upper().split()
#print(k)
acr=''
for word in k:
    acr=acr+word[0]
print(acr)

#acr1=[word[0] for word in k]
#acr2=''.join(acr1)

acr2=''.join([word[0] for word in  phrase.upper().split()])
print(acr2)
```

```
by the way
BTW
BTW
```

In [44]:
```
phrase=input()
print(''.join([word[0] for word in phrase.upper().split()]))
```

```
by the way
BTW
```

In [ ]: