

#program to find all vowels in text

```
'''  
  
import re  
  
a="sandeep is a boy"  
  
match=re.findall('[a,e,i,o,u,A,E,I,O,U]',a)  
  
print(match)
```

output:

```
'a', 'e', 'e', 'i', 'a', 'o']
```

```
'''
```

#program to split the text of digits based on occurrence of zero

```
'''  
  
import re  
  
s="567087905378"  
  
match=re.split('0',s)  
  
print(match)
```

output:

```
['567', '879', '5378']
```

```
'''
```

#program to substitute all occurrence of - by /

```
'''  
  
import re  
  
a="04-11-2002"  
  
match=re.sub('-', '/', a)  
  
print(match)
```

output:

```
04/11/2002
```

```
'''
```

#program to find all special characters in string

```
'''  
  
import re  
  
a="hi this i@s hfhg@f ds#fdf"  
  
match=re.findall('\W', a)
```

```
for i in match:
```

```
    if ' ' in match:
```

```
        match.remove(' ')
```

```
print(len(match))
```

output:

3

'''

#program to find the mail id from given text

'''

```
import re
```

```
s="ac@gmail.com hi this mail is xy@gmail.com"
```

```
match=re.findall('\S+@\S+',s)
```

```
print(match)
```

output:

['ac@gmail.com', 'xy@gmail.com']

'''

#program to find all dates in the given format dd-mm-yyyy in the given text

'''

```
import re
```

```
s="my birthdate is 02-11-2001 and my friend birthdate is 12-03-2001"
```

```
#match=re.findall('\d+--\d+--\d+',s)
```

```
match=re.findall('[0-9]+--[0-9]+--[0-9]+',s)
```

```
print(match)
```

output:

['02-11-2001', '12-03-2001']

'''

#program to print phone numbers without country code

'''

```
import re
```

```
a="my friend mobile number is +912345678990 and his brother mobile number is +923456789012"
```

```
match=re.findall('\d[0-9]+',a)
```

```
for x in match:
```

if match:

```
print("the number after removing country code is :")
```

```
print(x[2:])
```

else:

```
print("there is no pattern matched in the given string")
```

```
#print(match)
```

output:

the number after removing country code is :

2345678990

the number after removing country code is :

3456789012

'''

#program to replace colour from color in given text

'''

```
import re
```

```
a="colour of grass is green ,colour of sun is orange and colour of sky is blue"
```

```
match=re.sub("colour","color",a)
```

```
print(match)
```

output:

color of grass is green ,color of sun is orange and color of sky is blue

'''

#find first special character in string

'''

```
import re
```

```
s="hi @all welcome %sandeep , vamsi."
```

```
m=re.search(r'[^a-zA-Z0-9 ]',s)
```

```
if m:
```

```
print(m.group())
```

```
else:
```

```
print("search not found")
```

output:

@

'''

#number of times a set of words occurs

'''

a='abaababaab'

mat=re.findall(r'ab',a)

print(len(mat))

output:

4

'''