```
#REGULAR EXPRESSION
import re
text='Hello world'
X= re.findall("[a-p]",text)
print(X)
```

```
['e', 'l', 'l', 'o', 'o', 'l', 'd']
```

Double-click (or enter) to edit

```
#
import re
text='Hello world'
X= re.findall("e..o",text)
print(X)
```

```
['ello']
```

```
print(X)
print(type(X))
print(X[0])
```

```
['ello']
<class 'list'>
ello
```

```
print(X)
print(type(X))
y="ello"
print(y.strip("eo"))
```

```
['ello']
<class 'list'>
ll
```

```
import re
text='Hello world'
X= re.findall("e..o",text)
print(X)
print(type(X))
string=""
for i in X:
  string+=i
  print(i.strip("eo"))
```

```
['ello']
<class 'list'>
ll
```

```
import re
text='Hello world'
X= re.findall("e..o",text)
print(X)
print(type(X))
string=""
for i in X:
  string+=i
  print(i[1:-1])
```

```
['ello']
<class 'list'>
ll
```

```
#REGULAR EXPRESSION
import re
text='ello'
X= re.findall("[ll]+",text)
print(X)
```

```
['ll']
```

```
import re
text='Hello world'
X= re.findall("e..o",text)
print(X)
res= map(lambda X:X[1:-1],X)
print(res)
```

```
['ello']
<map object at 0x7ff4bb563610>
```

```
import re
text='Hello world'
X= re.findall("e..o",text)
print(X)
```

```
['ello']
```

```
#REGULAR EXPRESSION
import re
text='The raining falls mainly in plain'
X= re.findall("[arn]",text)
print(X)
```

```
['r', 'a', 'n', 'n', 'a', 'a', 'n', 'n', 'a', 'n']
```

```
#REGULAR EXPRESSION
import re
text='The raining falls mainly in plain'
X= re.findall("a|r|n",text)
print(X)
```

```
['r', 'a', 'n', 'n', 'a', 'a', 'n', 'n', 'a', 'n']
```

```
#REGULAR EXPRESSION
import re
text='The raining falls mainly in plain'
X= re.findall("[^arn]",text)
print(X)
```

```
['T', 'h', 'e', ' ', 'i', 'i', 'g', ' ', 'f', 'l', 'l', 's', ' ', 'm', 'i', 'l', 'y', ' ', 'i', ' ', 'p', 'l', 'i']
```

```
#print the digit
import re
text='2 drops rain falls in a 3d  plain'
X= re.findall("[1234]",text)
print(X)
```

```
['2', '3']
```

```
#print any digit
import re
text='24 or 44 drops rain falls in a 3d  plain'
X= re.findall("[\d]+",text)
print(X)
```

```
['24', '44', '3']
```

```
#print any digit
import re
text='24 or 44 drops rain falls in a 3d  plain'
X= re.findall("[0-9]+",text)
print(X)
```

```
['24', '44', '3']
```

```
#match b/w any character/LETTER lower or upper
import re
text='24 or 44 Drops Rain Falls In a 3d  Plain'
X= re.findall("[a-z]+|[A-Z]+",text)
print(X)
```

```
['or', 'D', 'rops', 'R', 'ain', 'F', 'alls', 'I', 'n', 'a', 'd', 'P', 'lain']
```

```
#match b/w any character/LETTER lower or upper
import re
text='24 or 44 Drops Rain Falls In a 3d  Plain'
X= re.findall("[a-z]||[A-Z]",text)
print(X)
```

```
['', '', '', 'o', 'r', '', '', '', '', '', 'D', 'r', 'o', 'p', 's', '', '', 'R', 'a', 'i', 'n', '', '', 'F', 'a', 'l', 'l', 's', '', '',
```

```
#match b/w any character/LETTER lower or upper
import re
text='24 or 44 Drops Rain Falls In a 3d  Plain'
X= re.findall("[a-z|A-Z]",text)
print(X)
```

```
['o', 'r', 'D', 'r', 'o', 'p', 's', 'R', 'a', 'i', 'n', 'F', 'a', 'l', 'l', 's', 'I', 'n', 'a', 'd', 'P', 'l', 'a', 'i', 'n']
```

```
import re
text='24 or 44 Drops Rain Falls In a 3d  Plain'
X= re.findall("[a-z-A-Z]",text)
print(X)
```

```
['o', 'r', 'D', 'r', 'o', 'p', 's', 'R', 'a', 'i', 'n', 'F', 'a', 'l', 'l', 's', 'I', 'n', 'a', 'd', 'P', 'l', 'a', 'i', 'n']
```

```
import re
text="24-05-2022 gopika 05-00-2000 34-4-2022 25-03-2023"
x=re.fidnall("((0[1-9]|[1-2][0-9]|3[0-1]+)[-](0[1-9]|1[0-2]+)[-]([0-9][0-9][0-9][1-9]+)|([1-9][0-9][0-9][0-9]+))",text)

print(x)
```

```
[('24-05-2022', '24', '05', '2022', ''), ('2000', '', '', '', '2000'), ('2022', '', '', '', '2022'), ('25-03-2023', '25', '03', '2023',
```

```
import re
text="24-05-2022 gopika 0-00-2000 34-4-2022 25-03-2023"
date_regex = r'(?:0[1-9]|[1-2][0-9]|3[0-1])-(?:0[1-9]|1[0-2])-(?:[1-9][0-9]{3})'
x=re.findall(date_regex,text)

print(x)
```

```
['24-05-2022', '25-03-2023']
```

```
import re
text="24-05-2022 gopika 0-00-2000 34-4-2022 25-03-2023"
date_regex = "(0[1-9]|[1-2][0-9]|3[0-1])-(0[1-9]|1[0-2])-([1-9][0-9]{3})"
x=re.findall(date_regex,text)

print(x)
```

```
[('24', '05', '2022'), ('25', '03', '2023')]
```

```
import re
text="24-05-2022 gopika 0-00-2000 34-4-2022 25-03-2023"
date_regex = r"(0[1-9]|[1-2][0-9]|3[0-1])-(0[1-9]|1[0-2])-([1-9][0-9]{3})"
x=re.findall(date_regex,text)

print(x)
```

```
[('24', '05', '2022'), ('25', '03', '2023')]
```

```
import re
text="where is 4 th and 5 th persorn?"
o=re.findall("[1-9]",text)
print(o)
```

```
['4', '5']
```

```
import re

# Match a string that contains a backspace character
regex = r'hello\bworld'
string = 'hello\bworld'

if re.match(regex, string):
    print('Match found')
else:
    print('Match not found')
```

```
Match not found
```