a2-emailandpassword

November 14, 2024

1 VERSION - 1

```python
[6]: import re

     txt = r"my email id is paramesha.k@gmail.com and i have another paramesha.
      ↪k@yahoo.co.in"

     #Check if "ain" is present at the beginning of a WORD:

     x = re.findall(r"[0-9a-zA-Z_.]+@[0-9a-zA-Z]+[.][A-Za-z]{2,4}", txt)


     if x:
       print("Yes, there is at least one match!")
       print(x)
     else:
       print("No match")
```

```
Yes, there is at least one match!
['paramesha.k@gmail.com', 'paramesha.k@yahoo.co']
```

```python
[3]: import re

     pwd = input("Enter your password:")
     s=re.search(r"^(([0-9])|([A-Z])|([a-z])|([@#$&])){6,12}$", pwd)

     if not s:
         print("Invalid Password")
     else:
         print(s.groups())
         if None in s.groups():
             print('Invalid Password')
         else:
             print("Valid Password")
```

```
Enter your password: Vvce@1997

('7', '7', 'V', 'e', '@')
```

Valid Password

2 VERSION- 2

```python
[2]: import re
     emailRegex = re.compile('''
                             [a-zA-Z0-9._]+     # username
                             @                     # @ symbol
                             [a-zA-Z0-9.-]+      # domain name
                             [.]                   #dot
                             [a-zA-Z]{2,4}     #type
                             ''',re.VERBOSE)

     text = "xyz@gmil.com and 999@99ad.com and abc_987@vvce.ac.in are the mail ids.␣
       ↪(897)-012-3456  ext.23 and 897.012-3456x23 are numbers"
     L = emailRegex.findall(text)
     for email in L:
         print(email)
```

```
xyz@gmil.com
999@99ad.com
abc_987@vvce.ac.in
```

```python
[1]: import re
     pwd = input("Enter a password : ")
     if not len(pwd)>5 :
         print("Invalid Password")
     elif not len(pwd)<17:
         print("Invalid Password")
     elif not re.search('[a-z]', pwd):
         print("Invalid Password")
     elif not re.search('[A-Z]', pwd):
         print("Invalid Password")
     elif not re.search('[0-9]', pwd):
         print("Invalid Password")
     elif not re.search('[#@$_]', pwd):
         print("Invalid Password")
     else:
         print("Valid Password")
```

```
Enter a password :  Vvce@1997

Valid Password
```

```
[ ]:
```