Validation

August 1, 2020

1 Email Validation

```python
[8]: import re

     #compiling regex
     check = re.compile(r"(^[a-zA-Z0-9_.+-]+@[a-zA-Z0-9-]+\.[a-zA-Z0-9-.]+$)")

     print("Enter your Email")
     #user input
     email = input()

     #searching regex
     a = check.search(email)

     #validation condition
     if a:
       print("Yes, the email is valid!")
     else:
       print("Not valid")
```

```
Enter your Email
h
Not valid
```

1.1 Conditions for a valid password are:

Should have at least one number.

Should have at least one uppercase and one lowercase character.

Should have at least one special symbol.

Should be between 6 to 20 characters long.

```python
[11]: # ?= poistive look head
      import re
      reg = "^(?=.*[a-z])(?=.*[A-Z])(?=.*\d)(?=.*[@$!%*#?&])[A-Za-z\d@$!#%*?&]{6,20}$"
```

```python
# compiling regex
pat = re.compile(reg)

#input
passwd = input()

# searching regex
mat = re.search(pat, passwd)

# validating conditions
if mat:
    print("Password is valid.")
else:
    print("Password invalid !!")
```

```
1As@dadafafas
Password is valid.
```

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