In [1]:
```
#Write a Regular Expression Python function to Validate
#Phone No, (Must be 10 digits)
import re
number=input("Enter your 10 digit mobile number: ")
pattern=re.compile("(0|91)?[-\s]?[6-9][0-9]{9}")
if pattern.match(number):
    print(f"{number} is valid mobile number.")
else:
    print(f"{number} is not valid mobile number. ")
```

```
Enter your 10 digit mobile number: 7147714714
7147714714 is valid mobile number.
```

In [2]:
```
#Name, (first Char must be uppercase)
import re


# Function to match the string
def match(text):
    # regex
    pattern = '[A-Z]+[a-z]+$'

    # searching pattern
    if re.search(pattern, text):
        return ('Yes')
    else:
        return ('No')


# Driver Function
print(match("Rohit"))
```

```
Yes
```

In [3]:
```
#E-Mail, (abc@abc.com)
import re

regex = re.compile(r'([A-Za-z0-9]+[.-_])*[A-Za-z0-9]+@[A-Za-z0-9-]+(\.[A-Z|a-z]{2,})+')


def emailValid(email):
    if re.fullmatch(regex, email):
        print("The given email is valid")
    else:
        print("The given email is invalid")


emailValid("abc@abc.com")
```

```
The given email is valid
```

In [4]:
```
#Date .(DD-MM-YYYY)
# Python3 code to demonstrate working of
# Validate String date format
# Using strptime()
from datetime import datetime

# initializing string
test_str = '14-01-1946'

# printing original string
print("The original string is : " + str(test_str))

# initializing format
format = "%d-%m-%Y"

# checking if format matches the date
res = True

# using try-except to check for truth value
try:
    res = bool(datetime.strptime(test_str, format))
except ValueError:
    res = False

# printing result
print("Does date match format? : " + str(res))
```

```
The original string is : 14-01-1946
Does date match format? : True
```

In [ ]: