

Python Assignment Program 6  
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1MCA-A PYTHON Programming(MCA171)

30-08-2023(Wednesday 09-11AM)

Regular lab Questions

P6: Implement 're' module

Imagine you are creating a form(Admission form/Registration Form, Booking Form, etc.,) relevant to your domain. Create a function using the 're' module to verify the following.

1. The input string is correct or not (name and dot)
2. Input has only digit(Register number, phone number)
3. Verify the email ID
4. Verify date of birth
5. Payment option
6. All the above Five entries received the correct Input

```
import re

def validate(name,mobile_no,date_of_birth,email_id):
    pattern = r"^[A-Za-z]+\.$"
    email_pattern = r"^[a-zA-Z0-9._%+-]+@[a-zA-Z0-9.-]+\.[a-zA-Z]{2,}$"
    if re.match(pattern,name) and\
        re.match(email_pattern,email_id) and\
        re.match("\d{2}-\d{2}-\d{4}",date_of_birth) and\
        re.match("\d{10}",mobile_no):
        return "All the above five entries received the correct Input"
    else:
        return "one or more elements have not typed correctly"

print("-----")
print("|          INSURANCE MANAGEMENT          |")
print("|          REGISTRATION FORM              |")
print("| NAME                :",end=" ")
name=input()
print("| EMAIL ID           :",end=" ")
email_id=input()
print("| DATE OF BIRTH      :",end=" ")
date_of_birth=input()
```

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```
print("| MOBILE NO      :",end=" ")
mobile_no=input()
print(validate(name,mobile_no,date_of_birth,email_id))
```