# Assignment 2

**Description of problem:**

Regular Expression to match the Indian Mobile Number

**#10 Digit**

#(The first digit will be [6-9]) and remaining 9 digits will be [0-9]

**Example**:- 9988774455(Valid) 5566332211(invalid)

**#Re** - ^[6-9][0-9]{9}$

**Example**:- 09988774455

**#Re** - ^[0][6-9][0-9]{9}$

**Example**:- +919988774455

**#Re** - ^[+][9][1][6-9][0-9]{9}$

# Assignment 3

**Description of problem:**Using regular Expression Create a Pattern

# To Validate Email Id

# Username @ DomainName .Extension

#Username -> **^[A-Z a-z][A-Z a-z 0-9]{5,15}**

#Username Can be **Yashgubbala@gmail.com**

#Domain Name--**[A-Z a-z]{2,10}**

#Domain Name can be Gmail,ymail,hotmail,yahoo,outlook,live,org

#Extension--**[A-Z a-z]{2,3}**

#Extension name can be com in us org en

**Example:**

1. Yashg01@gmail.com(Valid)
2. 45yashg@gmail.com(invalid)