**Lab 3**

**Python**

**Name:** Etcherla Sai Manoj **Mis. No:** 112015044 **Branch:** CSE

**Question:**

**Code:**

class Person:

    def \_\_init\_\_(self, username, password):

        self.username = username

        self.password = password

    def validator(self):

        check = True

        if len(self.password) < 6:

            print('\nPassword must not be less than 6 characters.')

            check = False

        if len(self.password) > 12:

            print('Password must be not be greater than 12 characters.')

            check = False

        if not any(char.isdigit() for char in self.password):

            print('Password should contain atleast one DIGIT.')

            check = False

        if not any(char.isupper() for char in self.password):

            print('Password should contain atleast one UPPERCASE letter.')

            check = False

        if not any(char.islower() for char in self.password):

            print('Password should contain atleast one LOWERCASE letter.')

            check = False

        return check

    def display(self):

        print('Your Password is valid.')

        print('USERNAME :', self.username)

        print('PASSWORD :', self.password)

username = input('Enter your username : ')

password = input('Enter your password : ')

vali = Person(username, password)

if(vali.validator()):

    vali.display()

else:

    print('\nYour password is INVALID. Try again after resolving above errors.')

**Output:**

