**Pattern Exercise : Problem 1**

#!/bin/bash -x

echo "Enter word "

read name

echo "Enter Last Name"

read LastName

echo "Enter Email"

read Email

echo "Enter Mobile Number"

read Mobile

echo "Enter Password"

read Password

Pattern1="^[A-z]{1}[a-zA-Z]\*$"

Pattern2="^[A-z]{1}[a-zA-Z]\*$"

Pattern3="^[a-z]{3}\.[a-z]\*\@(bl)?\.(co)?[\.a-z]\*$"

Pattern4= "^(\+91)?[6-9]{1}[0-9]{9}$"

Pattern5 = "^((?=.\*\d)(?=.\*[a-z])(?=.\*[A-Z])(?=.\*[@#$%]).{,20})$"

if [[$name =~ $Pattern1 -a $LastName =~ $Pattern2 -a $Email =~ $Pattern3 -a $Mobile =~ $Pattern4 -a $Password =~ $Pattern5 ]];

then

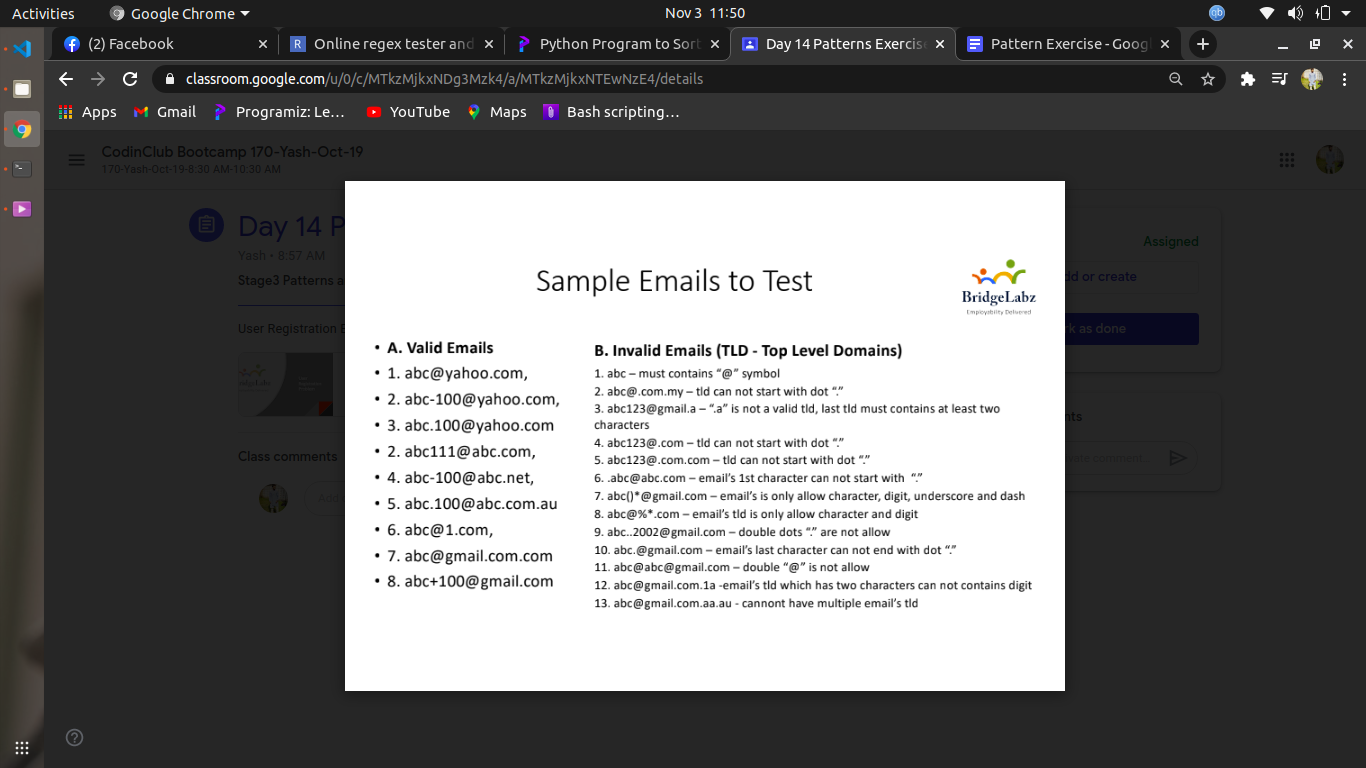
echo valid;

else

echo Invalid;

fi

**Problem 2:**



**For case 1, 2, 3, 6, 8 :**

#!/bin/bash -x

echo "Enter word "

read word

pat="^[a-z]{3}[0-9\+\.\\_\-]\*\@[0-9a-z]\*\.(com|net)$"

if [[$word =- $pat ]];

then

echo valid;

else

echo Invalid;

fi

**For Q4, 5 & 7 :**

#!/bin/bash -x

echo "Enter word "

read word

pat="^[a-z]{3}[0-9\+\.\\_\-]\*\@[0-9a-z]\*\.(com|net)\.(com|au)$"

if [[$word =- $pat ]];

then

echo valid;

else

echo Invalid;

fi