**Shell Script for Email and Phone Number Validation**

**Vim validate.sh**

**#!/bin/bash**

**# Function to validate email**

**validate\_email() {**

**local email=$1**

**local email\_regex="^[a-zA-Z0-9\_.+-]+@[a-zA-Z0-9-]+\.[a-zA-Z0-9-.]+$"**

**if [[ $email =~ $email\_regex ]]; then**

**echo "Valid email address."**

**else**

**echo "Invalid email address."**

**fi**

**}**

**# Function to validate phone number**

**validate\_phone() {**

**local phone=$1**

**local phone\_regex="^\+91[0-9]{10}$"**

**if [[ $phone =~ $phone\_regex ]]; then**

**echo "Valid phone number."**

**else**

**echo "Invalid phone number."**

**fi**

**}**

**# Read email and phone number from user input**

**read -p "Enter email address: " email**

**read -p "Enter phone number: " phone**

**# Validate email and phone number**

**validate\_email $email**

**validate\_phone $phone**

Steps to Use the Script

1.Create the Script File:

Save the above script to a file, validate.sh.

2.Make the Script Executable:

3.Run the following command to make the script executable:

**chmod +x validate.sh**

4.Run the Script: Execute the script by running:

**./validate.sh**

Input Email and Phone Number: When prompted, enter the email address and phone number you want to validate.