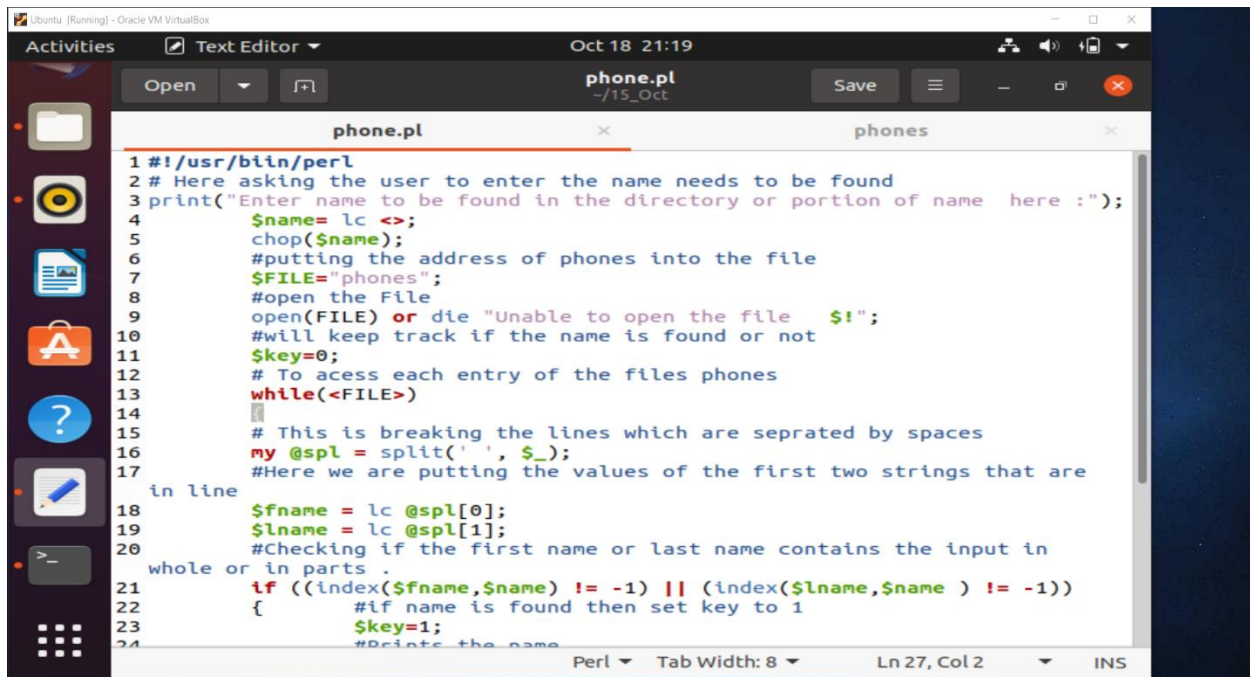
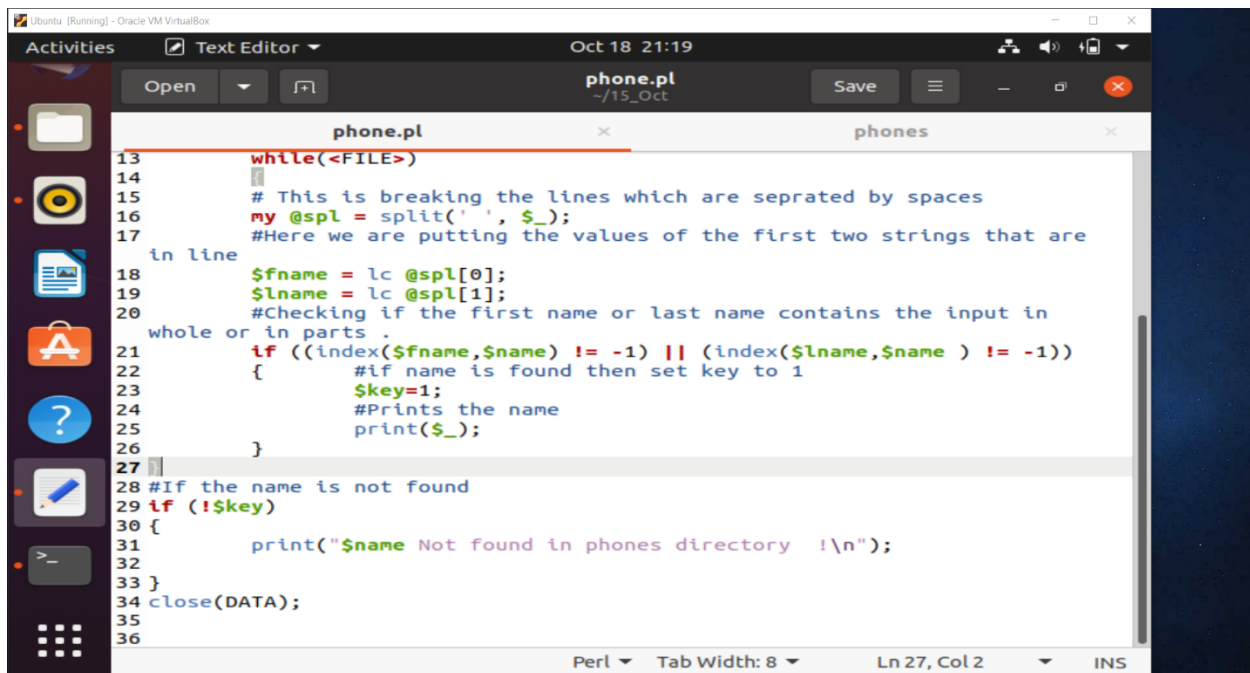


Phone.pl



This screenshot shows the first 24 lines of the Perl script 'phone.pl'. The script starts with a shebang line and a comment explaining its purpose. It prompts the user to enter a name, reads the input, and opens a file named 'phones'. It then enters a while loop to process each line of the file, splitting it by spaces and checking if the input name matches any part of the line.

```
1#!/usr/bin/perl
2# Here asking the user to enter the name needs to be found
3print("Enter name to be found in the directory or portion of name here :");
4$name= lc <>;
5chop($name);
6#putting the address of phones into the file
7$FILE="phones";
8#open the File
9open(FILE) or die "Unable to open the file $!";
10#will keep track if the name is found or not
11$key=0;
12# To access each entry of the files phones
13while(<FILE>)
14{
15    # This is breaking the lines which are separated by spaces
16    my @spl = split(' ', $_);
17    #Here we are putting the values of the first two strings that are
18    in line $fname = lc @spl[0];
19    $lname = lc @spl[1];
20    #Checking if the first name or last name contains the input in
21    whole or in parts .
22    if ((index($fname,$name) != -1) || (index($lname,$name) != -1))
23    {
24        #if name is found then set key to 1
25        $key=1;
26        #Prints the name
27        print($_);
28    }
29}
30#If the name is not found
31if (!$key)
32{
33    print("$name Not found in phones directory !\n");
34}
35close(DATA);
36
```



This screenshot shows the continuation of the Perl script 'phone.pl', starting from line 13. It completes the while loop and adds a final check to see if the name was found. If not, it prints a message indicating the name was not found in the 'phones' directory. The script then closes the file and ends.

```
13while(<FILE>)
14{
15    # This is breaking the lines which are separated by spaces
16    my @spl = split(' ', $_);
17    #Here we are putting the values of the first two strings that are
18    in line $fname = lc @spl[0];
19    $lname = lc @spl[1];
20    #Checking if the first name or last name contains the input in
21    whole or in parts .
22    if ((index($fname,$name) != -1) || (index($lname,$name) != -1))
23    {
24        #if name is found then set key to 1
25        $key=1;
26        #Prints the name
27        print($_);
28    }
29}
30#If the name is not found
31if (!$key)
32{
33    print("$name Not found in phones directory !\n");
34}
35close(DATA);
36
```