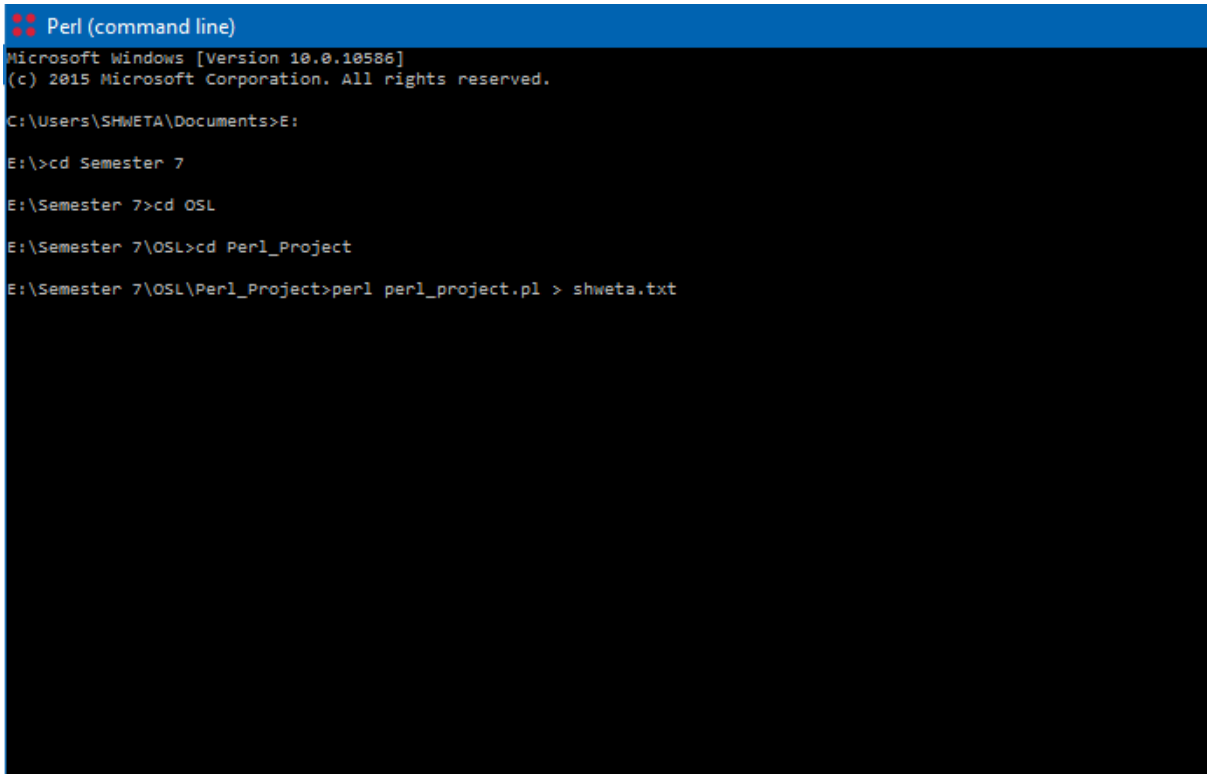
Reading mails using Perl and also GUI

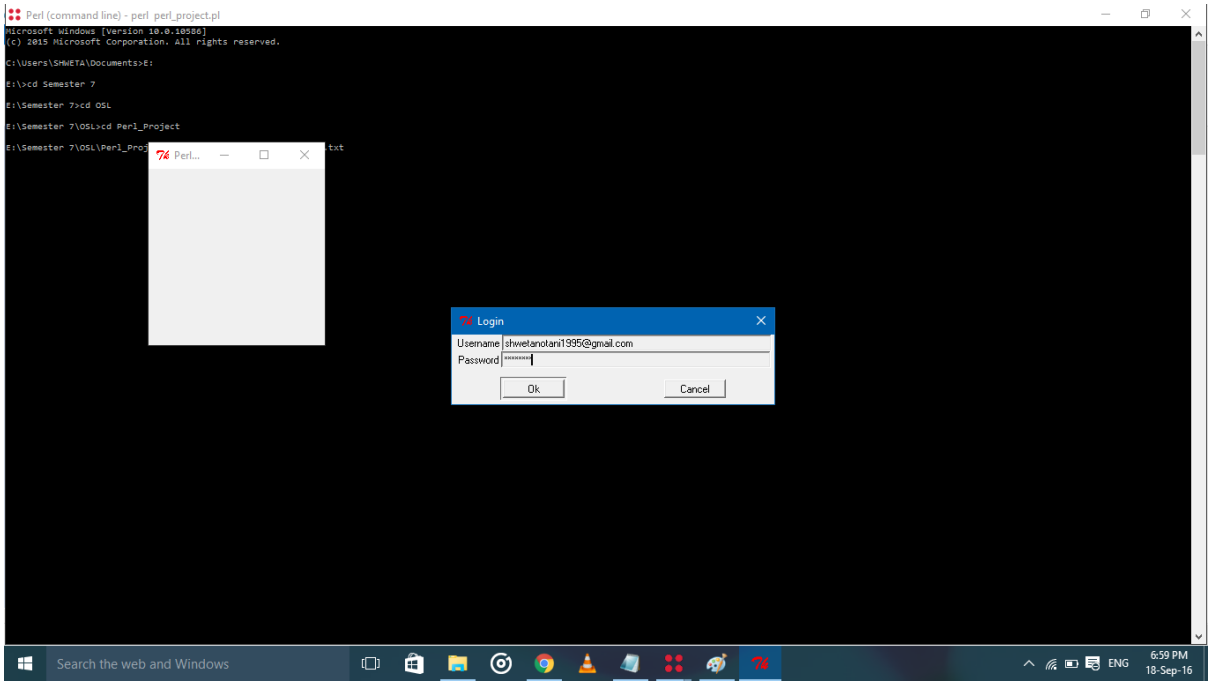
Code:

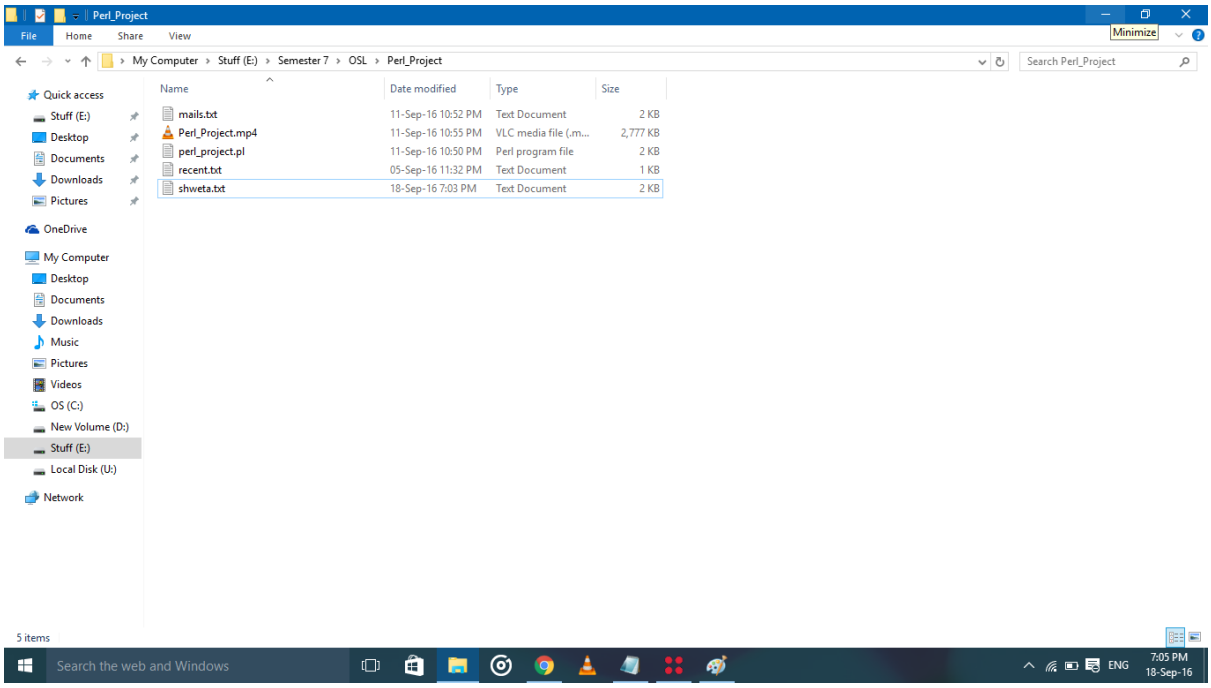
```
# required modules
use Net::IMAP::Simple;
use Email::Simple;
use IO::Socket::SSL;
use warnings;
use Tk;
use Tk::DialogBox;
require Tk::LabEntry;

$mw = MainWindow->new();
$db = $mw->DialogBox(-title => 'Login', -buttons => ['Ok', 'Cancel'],
                     -default_button => 'Ok');
$db->add('LabEntry', -textvariable => \$uname, -width => 50,
         -label => 'Username', -labelPack => [-side => 'left'])->pack;
$db->add('LabEntry', -textvariable => \$pw, -width => 50,
         -label => 'Password', -show => '*',
         -labelPack => [-side => 'left'])->pack;
$answer = $db->Show( );

if ($answer eq "Ok") {
  $u = $uname;
  $pwd = $pw;
}



# fill in your details here
my $username = $u;
my $password = $pwd;
my $mailhost = 'pop.gmail.com';
```

```perl
# Connect
my $imap = Net::IMAP::Simple->new(
    $mailhost,
    port    => 993,
    use_ssl => 1,
) || die "Unable to connect to IMAP: $Net::IMAP::Simple::errstr\n";

# Log in
if ( !$imap->login( $username, $password ) ) {
    print STDERR "Login failed: " . $imap->errstr . "\n";
    exit(64);
}
# Look in the the INBOX
my $nm = $imap->select('INBOX');

# How many messages are there?
my ($unseen, $recent, $num_messages) = $imap->status();
print "unseen: $unseen, recent: $recent, total: $num_messages\n\n";

## Iterate through unseen messages

for ( my $i = $num_messages ; $i >= $num_messages - 10 ; $i--) { #reads 10 mails

    my $es = Email::Simple->new( join '', @{ $imap->top($i) } );
    printf( "[%03d] %s\n\t%s\n\t%s\n", $i, $es->header('From'), $es->header('Subject'), $es->body('Body') );

}
```

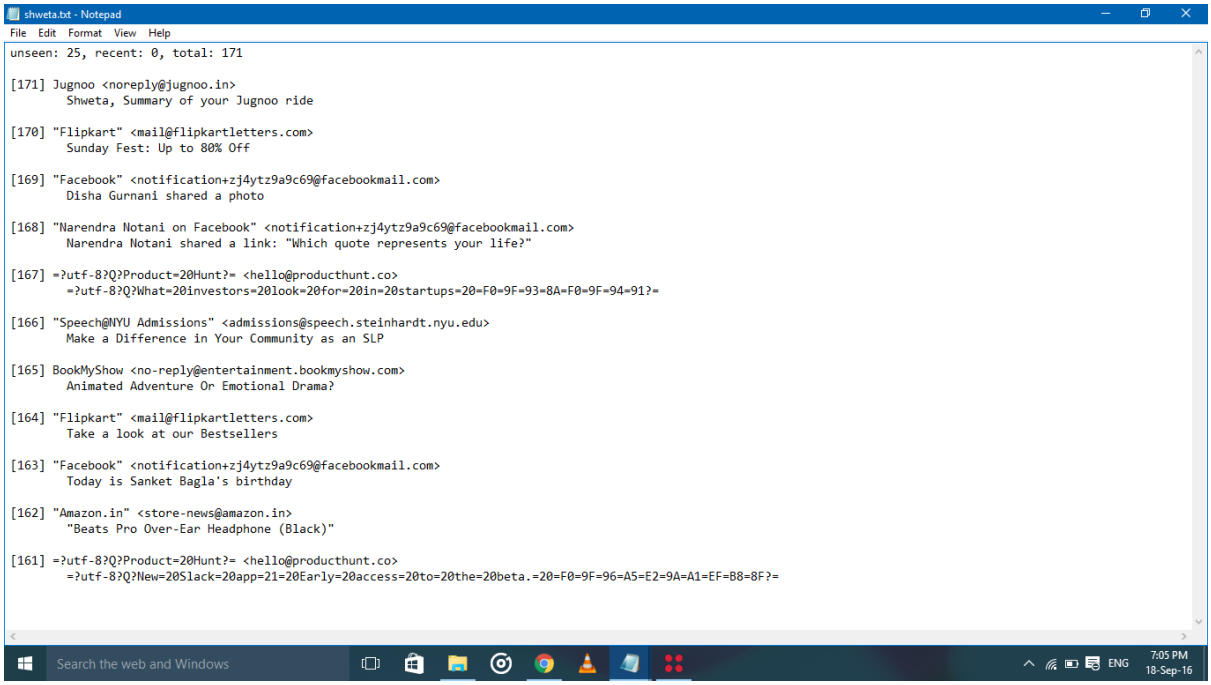
Run/Input :

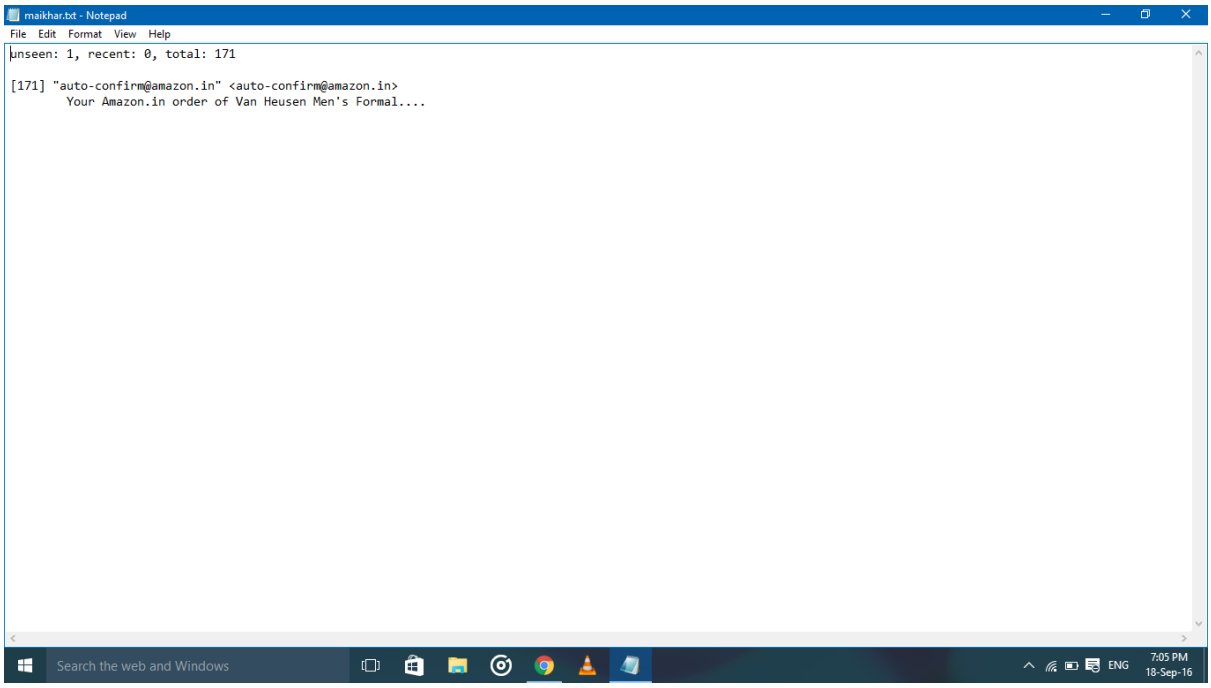



Perl (command line) - perl perl_project.pl
Microsoft Windows [Version 10.0.10586]
(c) 2015 Microsoft Corporation. All rights reserved.
C:\Users\SHWETA\Documents>E:
E:\>cd Semester 7
E:\Semester 7>cd OSL
E:\Semester 7\OSL>cd Perl_Project
Perl...
Login
Username shwetanotani1995@gmail.com
Password
Ok
Cancel
Search the web and Windows
ENG
6:59 PM
18-Sep-16


Perl_Project
File
Home
Share
View
Minimize
My Computer › Stuff (E:) › Semester 7 › OSL › Perl_Project
Search Perl_Project
Quick access
Stuff (E:)
Desktop
Documents
Downloads
Pictures
OneDrive
My Computer
Desktop
Documents
Downloads
Music
Pictures
Videos
OS (C:)
New Volume (D:)
Stuff (E:)
Local Disk (U:)
Network
Name
Date modified
Type
Size
mails.txt 11-Sep-16 10:52 PM Text Document 2 KB
Perl_Project.mp4 11-Sep-16 10:55 PM VLC media file (.m... 2,777 KB
perl_project.pl 11-Sep-16 10:50 PM Perl program file 2 KB
recent.txt 05-Sep-16 11:32 PM Text Document 1 KB
shweta.txt 18-Sep-16 7:03 PM Text Document 2 KB
5 items
Search the web and Windows
ENG
7:05 PM
18-Sep-16

Output:


shweta.txt - Notepad
File Edit Format View Help
unseen: 25, recent: 0, total: 171
[171] Jugnoo <noreply@jugnoo.in>
Shweta, Summary of your Jugnoo ride
[170] "Flipkart" <mail@flipkartletters.com>
Sunday Fest: Up to 80% Off
[169] "Facebook" <notification+zj4ytz9a9c69@facebookmail.com>
Disha Gurnani shared a photo
[168] "Narendra Notani on Facebook" <notification+zj4ytz9a9c69@facebookmail.com>
Narendra Notani shared a link: "Which quote represents your life?"
[167] =?utf-8?Q?Product=20Hunt?= <hello@producthunt.co>
=?utf-8?Q?What=20investors=20look=20for=20in=20startups=20=F0=9F=93=8A=F0=9F=94=91?=
[166] "Speech@NYU Admissions" <admissions@speech.steinhardt.nyu.edu>
Make a Difference in Your Community as an SLP
[165] BookMyShow <no-reply@entertainment.bookmyshow.com>
Animated Adventure Or Emotional Drama?
[164] "Flipkart" <mail@flipkartletters.com>
Take a look at our Bestsellers
[163] "Facebook" <notification+zj4ytz9a9c69@facebookmail.com>
Today is Sanket Bagla's birthday
[162] "Amazon.in" <store-news@amazon.in>
"Beats Pro Over-Ear Headphone (Black)"
[161] =?utf-8?Q?Product=20Hunt?= <hello@producthunt.co>
=?utf-8?Q?New=20Slack=20app=21=20Early=20access=20to=20the=20beta.=20=F0=9F=96=A5=E2=9A=A1=EF=B8=8F?=
Search the web and Windows
ENG
7:05 PM
18-Sep-16


maikhar.txt - Notepad
File Edit Format View Help
unseen: 1, recent: 0, total: 171
[171] "auto-confirm@amazon.in" <auto-confirm@amazon.in>
Your Amazon.in order of Van Heusen Men's Formal....
Search the web and Windows
ENG
7:05 PM
18-Sep-16