Pictures of my assignment 8 project:
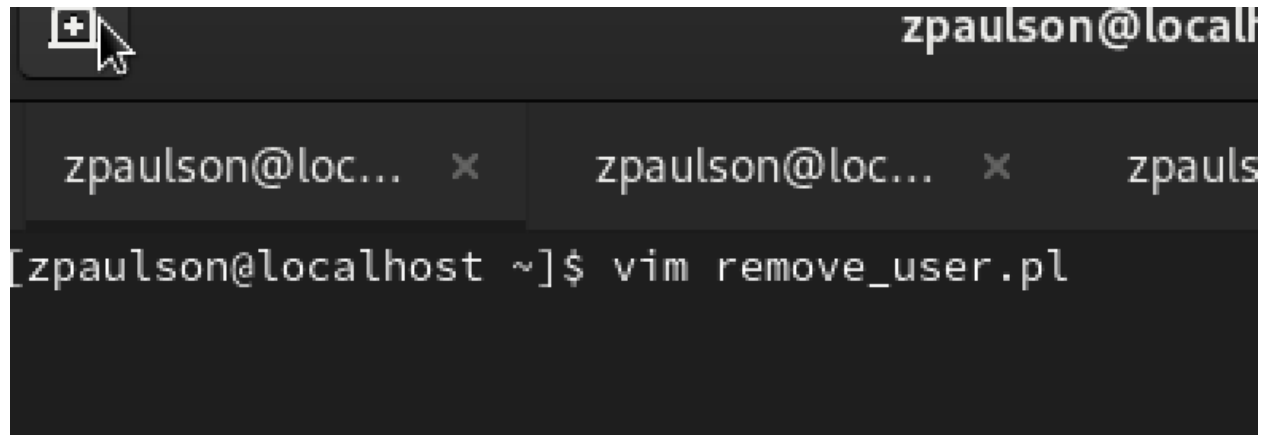
```perl
use warnings;
use File::Path qw(make_path);
use Archive::Zip;

if (@ARGV != 1) {
    die "Usage: $0 <user_data_file>\n";
}

my $user_data_file = $ARGV[0];

unless (-e $user_data_file) {
    die "Error: File $user_data_file not found.\n";
}

open my $fh, '<', $user_data_file or die "Error: Cannot open file $user_data_file: $!\n"
;

while (<$fh>) {
    chomp;
    my $username = $_;

    system("userdel $username");

    my $archive_dir = "/path/to/archive/$username";
    make_path($archive_dir);

    my $zip_file = "$archive_dir/data_archive.zip";
    my $zip = Archive::Zip->new();
    $zip->addTree("/path/to/user_data/$username", $username);
    $zip->writeToFileNamed($zip_file);

    print "User $username deleted. Archived data stored in: $zip_file\n";
}

close $fh;
```

```
Transaction Summary
================================================================================
Install  4 Packages

Total download size: 200 k
Installed size: 471 k
Is this ok [y/N]: y
Downloading Packages:
(1/4): perl-lib-0.65-480.el9.aarch64.rpm                    23 kB/s |  15 kB    00:00
(2/4): perl-File-Copy-2.34-480.el9.noarch.rpm               29 kB/s |  20 kB    00:00
(3/4): perl-Compress-Raw-Zlib-2.101-5.el9.aarch64.rpm       80 kB/s |  59 kB    00:00
(4/4): perl-Archive-Zip-1.68-6.el9.noarch.rpm              395 kB/s | 106 kB    00:00
--------------------------------------------------------------------------------
Total                                                      113 kB/s | 200 kB    00:01
Running transaction check
Transaction check succeeded.
Running transaction test
Transaction test succeeded.
Running transaction
  Preparing        :                                                        1/1
  Installing       : perl-File-Copy-2.34-480.el9.noarch                     1/4
  Installing       : perl-lib-0.65-480.el9.aarch64                          2/4
  Installing       : perl-Compress-Raw-Zlib-2.101-5.el9.aarch64             3/4
  Installing       : perl-Archive-Zip-1.68-6.el9.noarch                     4/4
  Running scriptlet: perl-Archive-Zip-1.68-6.el9.noarch                     4/4
  Verifying        : perl-Compress-Raw-Zlib-2.101-5.el9.aarch64             1/4
  Verifying        : perl-lib-0.65-480.el9.aarch64                          2/4
  Verifying        : perl-File-Copy-2.34-480.el9.noarch                     3/4
  Verifying        : perl-Archive-Zip-1.68-6.el9.noarch                     4/4

Installed:
  perl-Archive-Zip-1.68-6.el9.noarch          perl-Compress-Raw-Zlib-2.101-5.el9.aarch64
  perl-File-Copy-2.34-480.el9.noarch          perl-lib-0.65-480.el9.aarch64

Complete!
[zpaulson@localhost ~]$
```