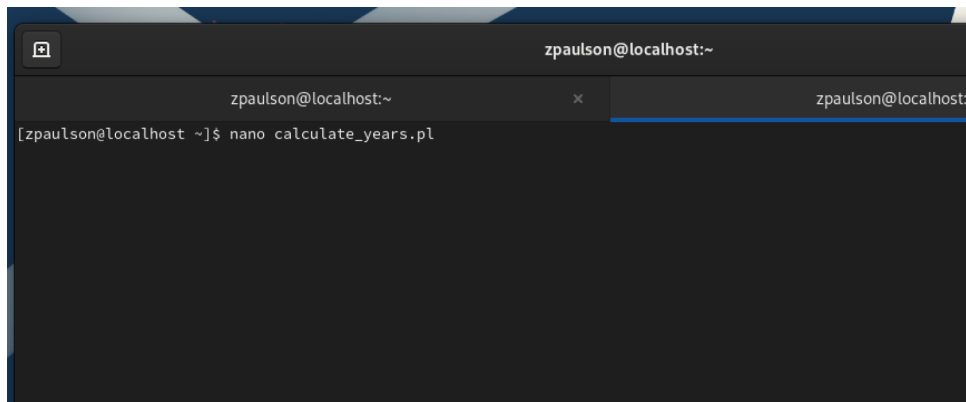
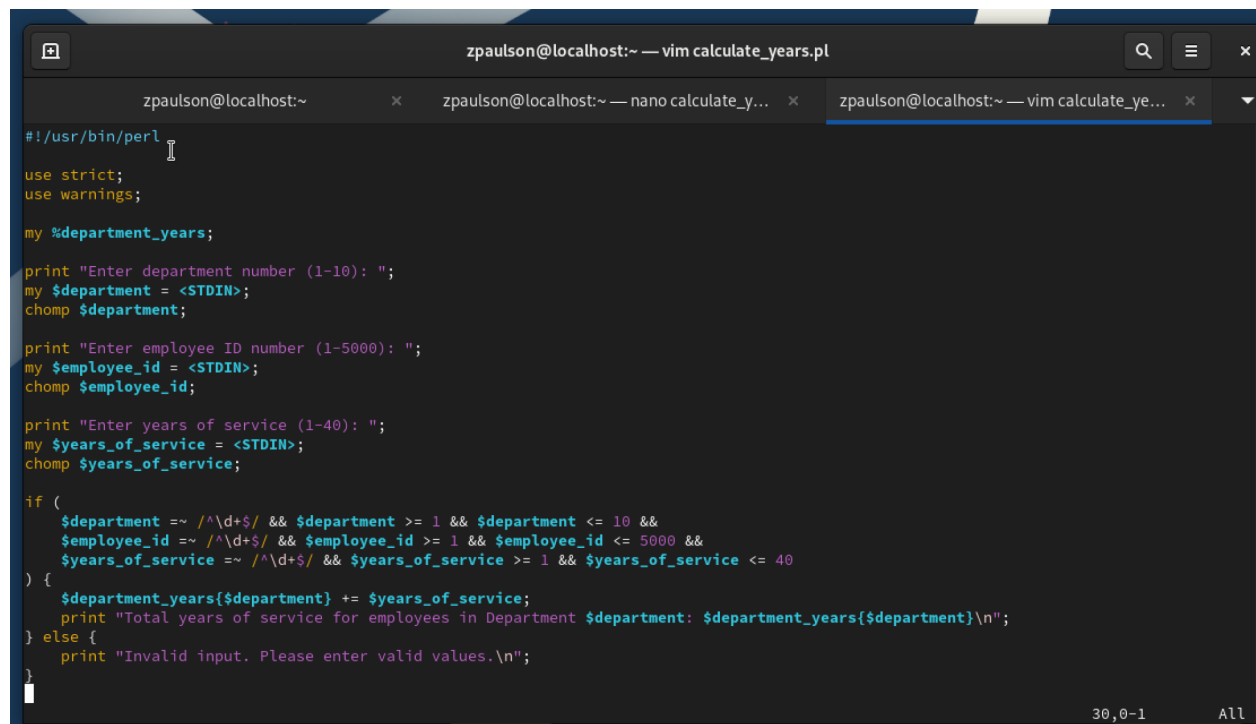


Pictures Of Completion of Quiz 2:



A terminal window titled 'zpaulson@localhost:~' showing the command '[zpaulson@localhost ~]\$ nano calculate_years.pl' entered at the prompt.



A terminal window titled 'zpaulson@localhost:~ — vim calculate_years.pl' showing the contents of the file 'calculate_years.pl' in vim. The code is a Perl script that calculates the total years of service for employees in a specific department. The script prompts the user for a department number (1-10), an employee ID number (1-5000), and years of service (1-40). It then calculates the total years of service for the specified department and prints the result. If the input is invalid, it prints an error message.

```
#!/usr/bin/perl
use strict;
use warnings;

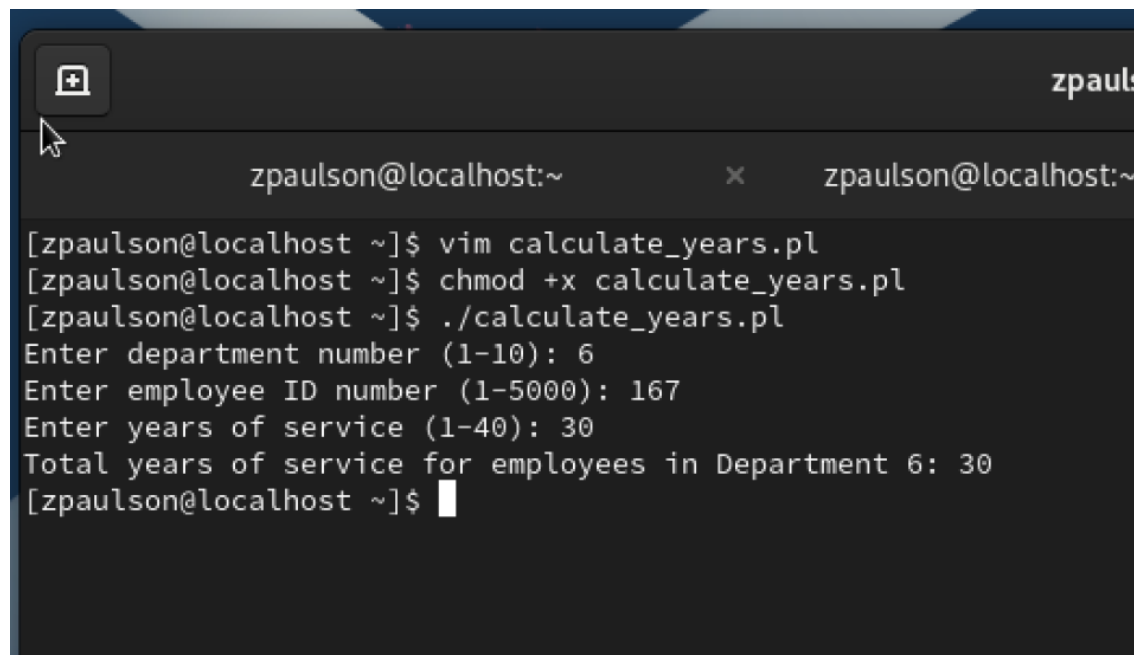
my %department_years;

print "Enter department number (1-10): ";
my $department = <STDIN>;
chomp $department;

print "Enter employee ID number (1-5000): ";
my $employee_id = <STDIN>;
chomp $employee_id;

print "Enter years of service (1-40): ";
my $years_of_service = <STDIN>;
chomp $years_of_service;

if (
    $department =~ /\d+$/ && $department >= 1 && $department <= 10 &&
    $employee_id =~ /\d+$/ && $employee_id >= 1 && $employee_id <= 5000 &&
    $years_of_service =~ /\d+$/ && $years_of_service >= 1 && $years_of_service <= 40
) {
    $department_years{$department} += $years_of_service;
    print "Total years of service for employees in Department $department: $department_years{$department}\n";
} else {
    print "Invalid input. Please enter valid values.\n";
}
```



A terminal window with a dark background and light text. The window title bar shows a close button on the left and the text 'zpa...' on the right. Below the title bar, the terminal shows the user 'zpa...' at 'localhost:~'. The user enters a series of commands: 'vim calculate_years.pl', 'chmod +x calculate_years.pl', and './calculate_years.pl'. The script prompts for 'department number (1-10):', 'employee ID number (1-5000):', and 'years of service (1-40):'. The user enters '6', '167', and '30' respectively. The script then outputs 'Total years of service for employees in Department 6: 30'. The prompt returns to the user, who has a cursor on the line.

```
[zpa...@localhost ~]$ vim calculate_years.pl
[zpa...@localhost ~]$ chmod +x calculate_years.pl
[zpa...@localhost ~]$ ./calculate_years.pl
Enter department number (1-10): 6
Enter employee ID number (1-5000): 167
Enter years of service (1-40): 30
Total years of service for employees in Department 6: 30
[zpa...@localhost ~]$
```