Name-Pratham Asnani
Roll_no-63
Batch-s13

Assignment-10

10A

```
  GNU nano 6.2
#!/usr/bin/perl
use strict;
use warnings;

# Define a hash with name and roll number pairs
my %students = (
    "Charmy" => 66,
    "Pratham" => 63,
    "Amit"   => 45,
    "Neha"   => 33,
    "Rahul"  => 12
);

# Prompt user for a name
print "Enter a name to get the roll number: ";
my $name = <STDIN>;
chomp($name);

# Check if the name exists in the hash and display the roll number
if (exists $students{$name}) {
    print "The roll number of $name is $students{$name}\n";
} else {
    print "No record found for $name.\n";
}1
```

```
Enter a name to get the roll number: ^C
~/Pratham_63$ nano name.pl
~/Pratham_63$ perl name.pl
Enter a name to get the roll number: Pratham
The roll number of Pratham is 63
~/Pratham_63$
```

10B

```
  GNU nano 6.2
#!/usr/bin/perl
use strict;
use warnings;

# Prompt user for a number
print "Enter a number: ";
my $num = <STDIN>;
chomp($num);

# Get the absolute value
my $abs_num = abs($num);

# Display the absolute value
print "The absolute value of $num is: $abs_num\n";

# Generate and display the multiplication table
print "Multiplication table for $abs_num up to 10:\n";
for my $i (1..10) {
    print "$abs_num x $i = ", $abs_num * $i, "\n";
}
```

```
~/Pratham_63$ nano name.pl
~/Pratham_63$ nano tabel.pl
~/Pratham_63$ perl tabel.pl
Enter a number: 5
The absolute value of 5 is: 5
Multiplication table for 5 up to 10:
5 x 1 = 5
5 x 2 = 10
5 x 3 = 15
5 x 4 = 20
5 x 5 = 25
5 x 6 = 30
5 x 7 = 35
5 x 8 = 40
5 x 9 = 45
5 x 10 = 50
~/Pratham_63$
```