

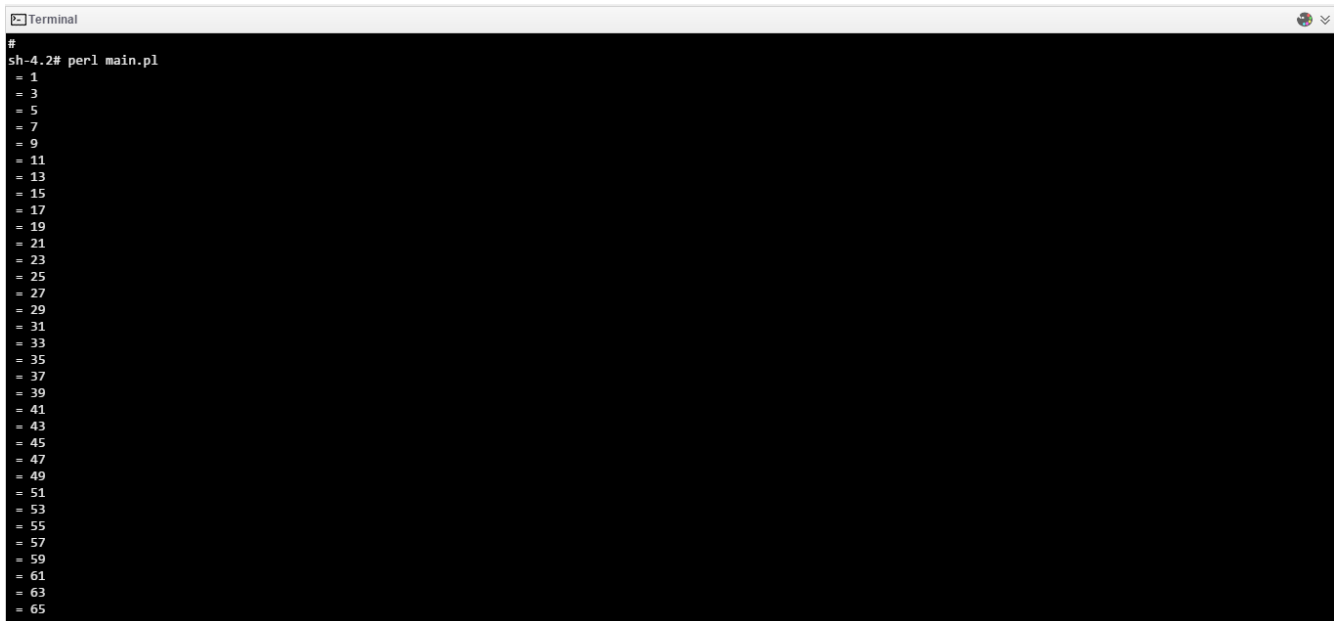
Practical 22

Aim: Write PERL programs for

- Printing first N odd numbers

```
#!/usr/bin/perl -w
for ($number = 1; $number <=100; $number++) {
next if ($number % 2 == 0);
print " = $number\n";
}
```

Output:

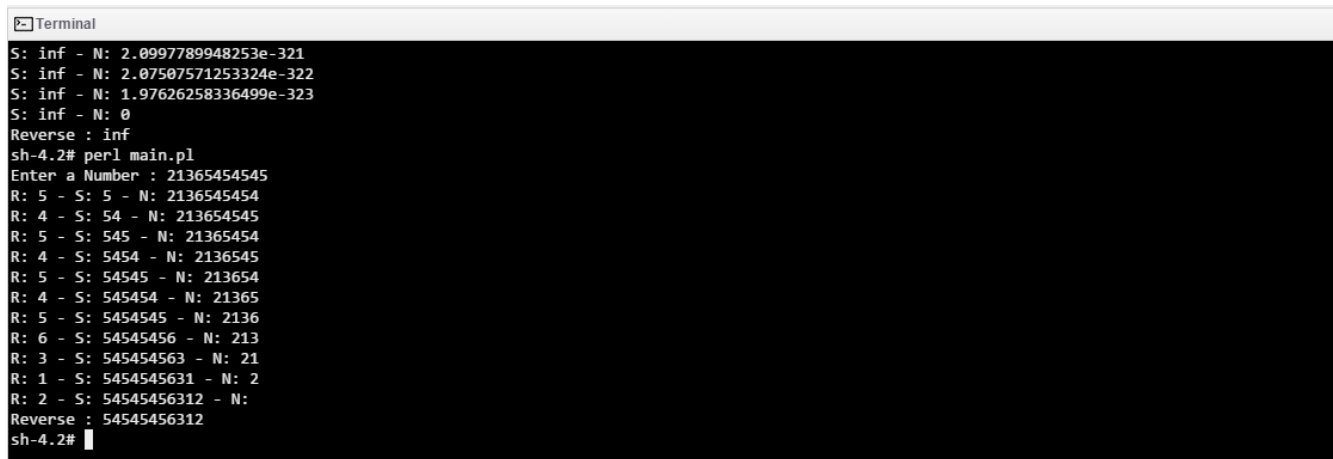
A terminal window titled "Terminal" with a dark background. The prompt is "sh-4.2# perl main.pl". The output consists of 50 lines, each showing an odd number from 1 to 65, preceded by an equals sign and a space. The numbers are: 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 35, 37, 39, 41, 43, 45, 47, 49, 51, 53, 55, 57, 59, 61, 63, 65.

```
#
sh-4.2# perl main.pl
= 1
= 3
= 5
= 7
= 9
= 11
= 13
= 15
= 17
= 19
= 21
= 23
= 25
= 27
= 29
= 31
= 33
= 35
= 37
= 39
= 41
= 43
= 45
= 47
= 49
= 51
= 53
= 55
= 57
= 59
= 61
= 63
= 65
```

- Reverse an integer number

```
print("Enter a Number : ");
$n=<stdin>; chop($n);
$s=$r=0;
while($n>0)
{
    $r=($n%10);
    $s=($s*10)+$r;
    chop($n);
    print("R: $r - S: $s - N: $n\n");
}
print("Reverse : $s\n");
```

Output:



```
Terminal
S: inf - N: 2.0997789948253e-321
S: inf - N: 2.07507571253324e-322
S: inf - N: 1.97626258336499e-323
S: inf - N: 0
Reverse : inf
sh-4.2# perl main.pl
Enter a Number : 21365454545
R: 5 - S: 5 - N: 2136545454
R: 4 - S: 54 - N: 213654545
R: 5 - S: 545 - N: 21365454
R: 4 - S: 5454 - N: 2136545
R: 5 - S: 54545 - N: 213654
R: 4 - S: 545454 - N: 21365
R: 5 - S: 5454545 - N: 2136
R: 6 - S: 54545456 - N: 213
R: 3 - S: 545454563 - N: 21
R: 1 - S: 5454545631 - N: 2
R: 2 - S: 54545456312 - N:
Reverse : 54545456312
sh-4.2#
```