

EXPERIMENT 10: Write a Perl script to demonstrate use of loops, arrays and hash.

A)CODE:

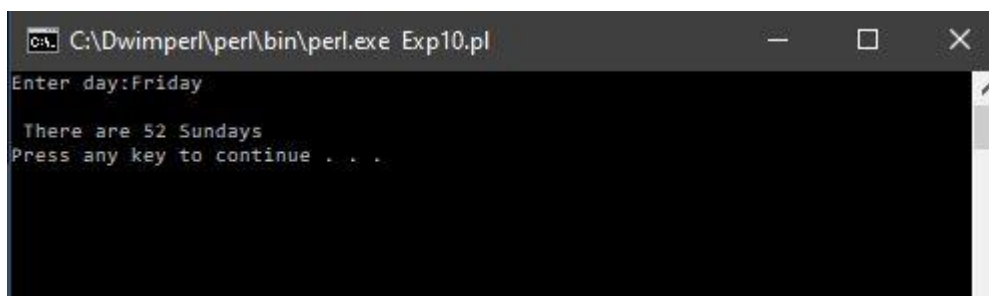
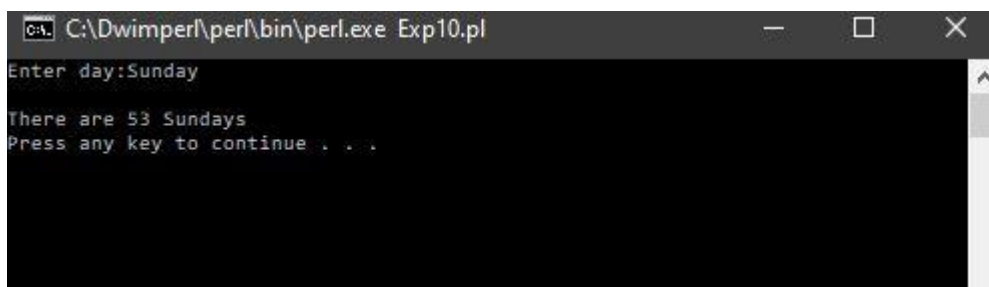
```
print("Enter day:");

$n=<STDIN>;

chomp $n;

if($n eq "Sunday")
{
    print("\nThere are 53 Sundays\n");
}
else
{
    print("\n There are 52 Sundays\n");
}
```

OUTPUT:



B)CODE:

```
print("Enter the limit");

$n=<STDIN>;

chomp $n;

print("\n Enter elements\n");

for($i=0;$i<$n;$i++)

{

    $c=<STDIN>;

    push @list,$c;

}

for($i=0;$i<$n;$i++)

{

    for($j=0;$j<($n-$i-1);$j++)

    {

        if(@list[$j]>@list[$j+1])

        {

            $temp=@list[$j];

            @list[$j]=@list[$j+1];

            @list[$j+1]=$temp;

        }

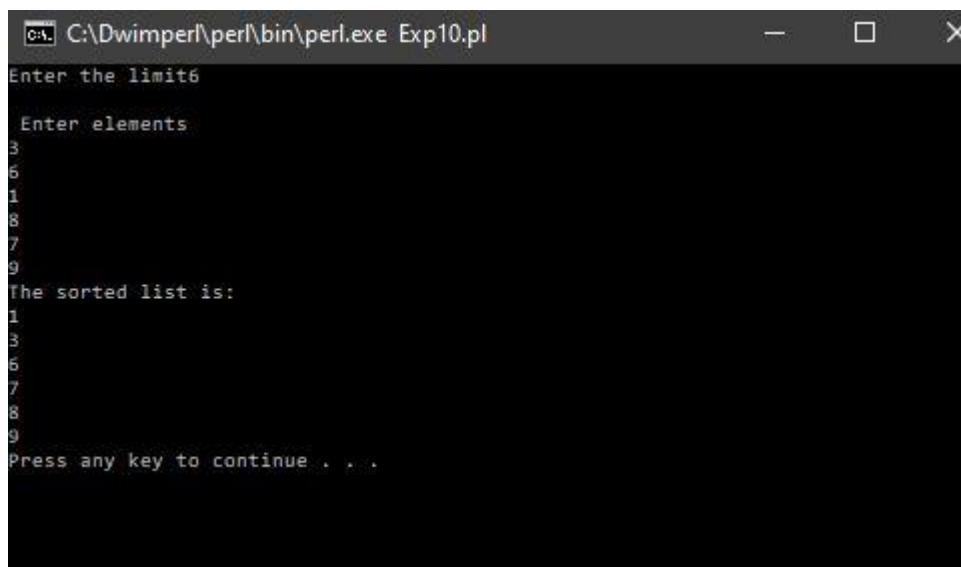
    }

}

print("The sorted list is:\n");

print(@list);
```

OUTPUT:



```
C:\Dwimper\perl\bin\perl.exe Exp10.pl
Enter the limit6
Enter elements
3
6
1
8
7
9
The sorted list is:
1
3
6
7
8
9
Press any key to continue . . .
```

The screenshot shows a Windows command prompt window titled "C:\Dwimper\perl\bin\perl.exe Exp10.pl". The program prompts the user to "Enter the limit6", where the number 6 is entered. Then it prompts "Enter elements", where the numbers 3, 6, 1, 8, 7, and 9 are entered on separate lines. The program then displays "The sorted list is:" followed by the sorted numbers 1, 3, 6, 7, 8, and 9 on separate lines. Finally, it prompts "Press any key to continue . . .".