MANJARA CHARLTABLE TRUST

RAJIV GANDHI INSTITUTE OF TECHNOLOGY, MUMBAI POST LAB ASSIGNMENT 10

1. Write a grep/egrep script to display N lines before / after match of string in the given file.

```
Code:
cat out
grep yyy out
grep -A 2 yyy out
grep -B 2 yyy out
grep -C 2 yyy out
```

2. Write an awk script to print only certain columns from the input field.

```
Code: awk '{print $3 "\t" $4}' marks.txt
```

3. Write awk script to generate graph.

4. Write a perl script to check whether the year is leap year or not.

```
Code:
print "Enter any year to check whether it is leap year or not:";

$year = <STDIN>;
chomp($year);
if ($year % 4 == 0)

{
    if ($year % 100 == 0)
    {
        if ($year % 400 == 0)
        {
            print "$year is a leap year\n";
        }
        else
```

print "\$year is not a leap year\n";

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```
else
{
    print "$year is a leap year\n";
}
else
{
    print "$year not a leap year\n";
}
```

Note:

Chop removes the last character of the string completely, while **chomp** only removes the last character if it is a newline.