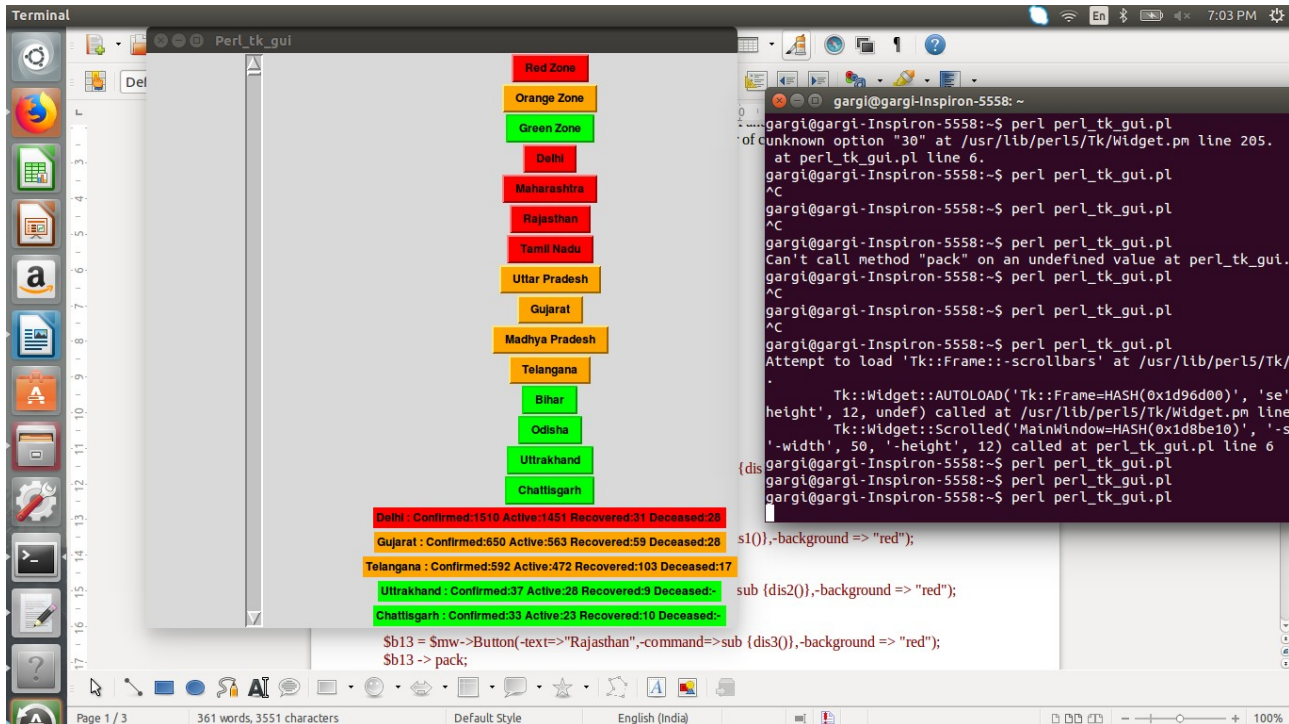


# Assignment-8

Submitted by : Gargi Trivedi 2019PSP3023

Write a perl-tk script to design a GUI for COVID19 INDIA and divide the states in three zones: red zone, orange zone and green zone according to the number of confirmed cases.



## Code:

```
#!/usr/bin/perl
```

```
use Tk;
```

```
$mw = new MainWindow;
```

```
$scroll=$mw->Scrollbar( );
```

```
$scroll->pack(-side => 'left', -fill => 'y',-expand => 1);
```

```
$b1 = $mw->Button(-text=>"Red Zone",-command=>sub {dis11()}-background => "red");
```

```
$b1 -> pack;
```

```
sub dis11{
```

```
$b11 = $mw->Button(-text=>"Delhi",-command=>sub {dis1()}-background => "red");
```

```
$b11 -> pack;
```

```
$b12 = $mw->Button(-text=>"Maharashtra",-command=>sub {dis2()}-background => "red");
```

```

$b12 -> pack;

$b13 = $mw->Button(-text=>"Rajasthan",-command=>sub {dis3()},-background => "red");
$b13 -> pack;

$b14 = $mw->Button(-text=>"Tamil Nadu",-command=>sub {dis4()},-background => "red");
$b14 -> pack;
}

sub dis1{
$mw->Label(-text=>'Delhi : Confirmed:1510 Active:1451 Recovered:31 Deceased:28 ',-
background => "red")->pack(-pady=>2) ;
}

sub dis2{
$mw->Label(-text=>'Maharashtra : Confirmed:2455 Active:2066 Recovered:229 Deceased:160 ',-
background => "red")->pack(-pady=>2) ;
}

sub dis3{
$mw->Label(-text=>'Rajasthan : Confirmed:969 Active:825 Recovered:133 Deceased:11 ',-
background => "red")->pack(-pady=>2) ;
}

sub dis4{
$mw->Label(-text=>'Tamil Nadu : Confirmed:1204 Active:1111 Recovered:81 Deceased:12 ',-
background => "red")->pack(-pady=>2) ;
}

$b2 = $mw->Button(-text=>"Orange Zone",-command=>sub {dis22()},-background => "orange");
$b2 -> pack;

sub dis22{
$b21 = $mw->Button(-text=>"Uttar Pradesh",-command=>sub {dis5()},-background => "orange");
$b21 -> pack;

$b22 = $mw->Button(-text=>"Gujarat",-command=>sub {dis6()},-background => "orange");
$b22 -> pack;

$b23 = $mw->Button(-text=>"Madhya Pradesh",-command=>sub {dis7()},-background =>
"orange");
$b23 -> pack;

$b24 = $mw->Button(-text=>"Telangana",-command=>sub {dis8()},-background => "orange");
$b24 -> pack;
}

sub dis5{
$mw->Label(-text=>'Uttar Pradesh : Confirmed:660 Active:602 Recovered:50 Deceased:8 ',-
background => "orange")->pack(-pady=>2) ;
}

```

```
sub dis6{
$mw->Label(-text=>'Gujarat : Confirmed:650 Active:563 Recovered:59 Deceased:28 ',-background
=> "orange")->pack(-pady=>2) ;
}
```

```
sub dis7{
$mw->Label(-text=>'Madhya Pradesh : Confirmed:614 Active:513 Recovered:51 Deceased:50 ',-
background => "orange")->pack(-pady=>2) ;
}
```

```
sub dis8{
$mw->Label(-text=>'Telangana : Confirmed:592 Active:472 Recovered:103 Deceased:17 ',-
background => "orange")->pack(-pady=>2) ;
}
```

```
$b3 = $mw->Button(-text=>"Green Zone",-command=>sub {dis33()},-background => "green");
$b3 -> pack;
```

```
sub dis33{
$b31 = $mw->Button(-text=>"Bihar",-command=>sub {dis9()},-background => "green");
$b31 -> pack;
```

```
$b32 = $mw->Button(-text=>"Odisha",-command=>sub {dis10()},-background => "green");
$b32 -> pack;
```

```
$b33 = $mw->Button(-text=>"Uttrakhand",-command=>sub {dis13()},-background => "green");
$b33 -> pack;
```

```
$b34 = $mw->Button(-text=>"Chattisgarh",-command=>sub {dis12()},-background => "green");
$b34 -> pack;
}
```

```
sub dis9{
$mw->Label(-text=>'Bihar : Confirmed:66 Active:36 Recovered:29 Deceased:1 ',-background =>
"green")->pack(-pady=>2) ;
}
```

```
sub dis10{
$mw->Label(-text=>'Odisha : Confirmed:60 Active:41 Recovered:18 Deceased:1 ',-background =>
"green")->pack(-pady=>2) ;
}
```

```
sub dis13{
$mw->Label(-text=>'Uttrakhand : Confirmed:37 Active:28 Recovered:9 Deceased:- ',-background
=> "green")->pack(-pady=>2) ;
}
```

```
sub dis12{
$mw->Label(-text=>'Chattisgarh : Confirmed:33 Active:23 Recovered:10 Deceased:- ',-background
=> "green")->pack(-pady=>2) ;
}
```

MainLoop;