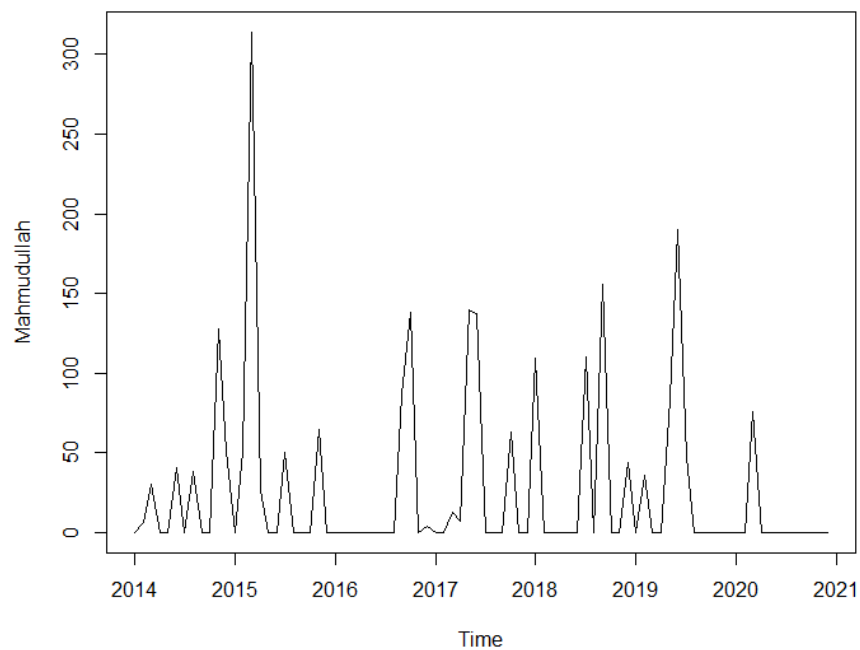
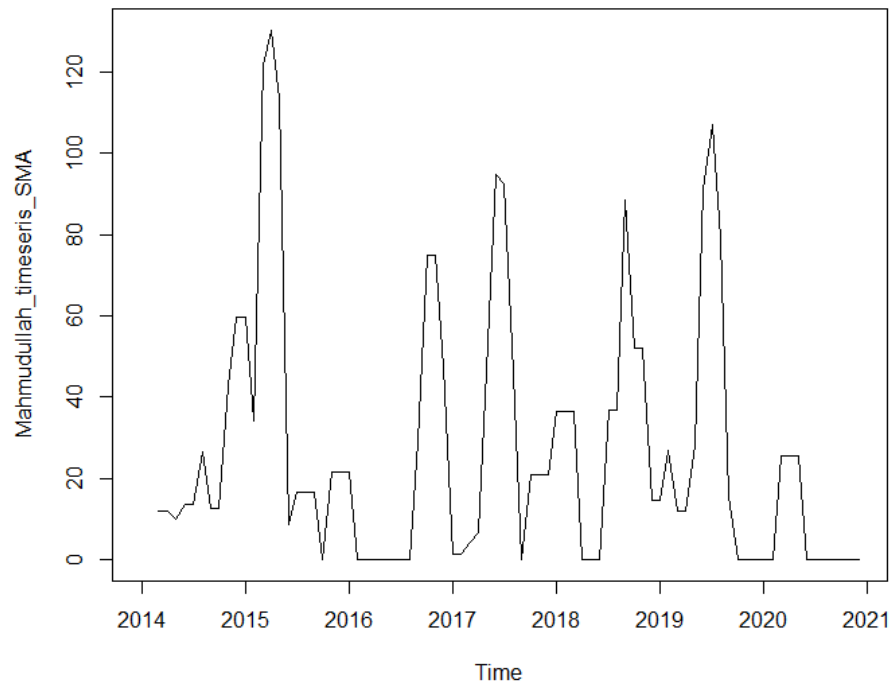


***** Mahmullah *****

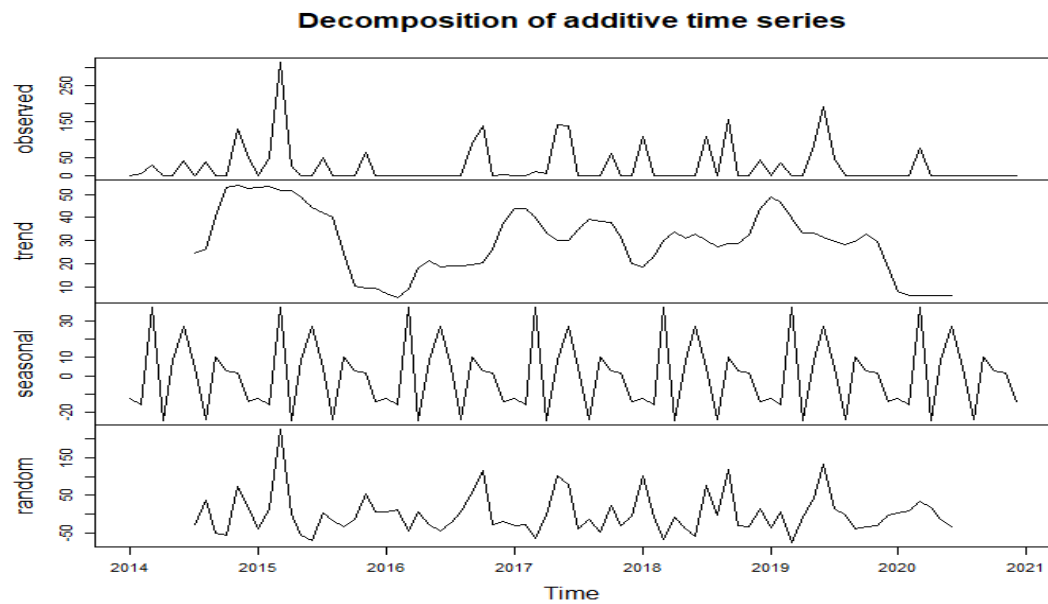
```
> Mahmudullah<-c(0,6,30,0,0,41,0,38,0,0,128,51,0,51,314,26,0,0,50,0,0,0,65,0,
0,0,0,0,0,0,0,87,138,0,4,0,0,13,7,140,137,0,0,0,63,0,0,109,0,0,0,0,0,110,0,
156,0,0,44,0,36,0,0,84,190,47,0,0,0,0,0,0,76,0,0,0,0,0,0,0,0)
> print(Mahmudullah)
[1] 0 6 30 0 0 41 0 38 0 0 128 51 0 51 314 26 0 0
50 0 0
[22] 0 65 0 0 0 0 0 0 0 0 0 0 87 138 0 4 0 0 13
7 140 137
[43] 0 0 0 63 0 0 109 0 0 0 0 0 0 110 0 156 0 0 44
0 36 0
[64] 0 84 190 47 0 0 0 0 0 0 0 0 76 0 0 0 0 0 0
0 0 0
> Mahmudullah <- ts(Mahmudullah,start = c(2014,1),frequency=12)
> print(Mahmudullah)
      Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec
2014  0   6  30   0   0  41   0  38   0   0 128  51
2015  0  51 314  26   0   0   50   0   0   0   65   0
2016  0   0   0   0   0   0   0   0  87 138   0   4
2017  0   0  13   7 140 137   0   0   0  63   0   0
2018 109   0   0   0   0   0 110   0 156   0   0  44
2019  0  36   0   0  84 190  47   0   0   0   0   0
2020  0   0  76   0   0   0   0   0   0   0   0   0
> plot.ts(Mahmudullah)
```



```
> library(TTR)
> Mahmudullah_timeseries_SMA<-SMA(Mahmudullah,n=3)
> plot(Mahmudullah_timeseries_SMA)
```



```
> Mahmudullah_timeseries_components<-decompose(Mahmudullah)
> plot(Mahmudullah_timeseries_components)
```

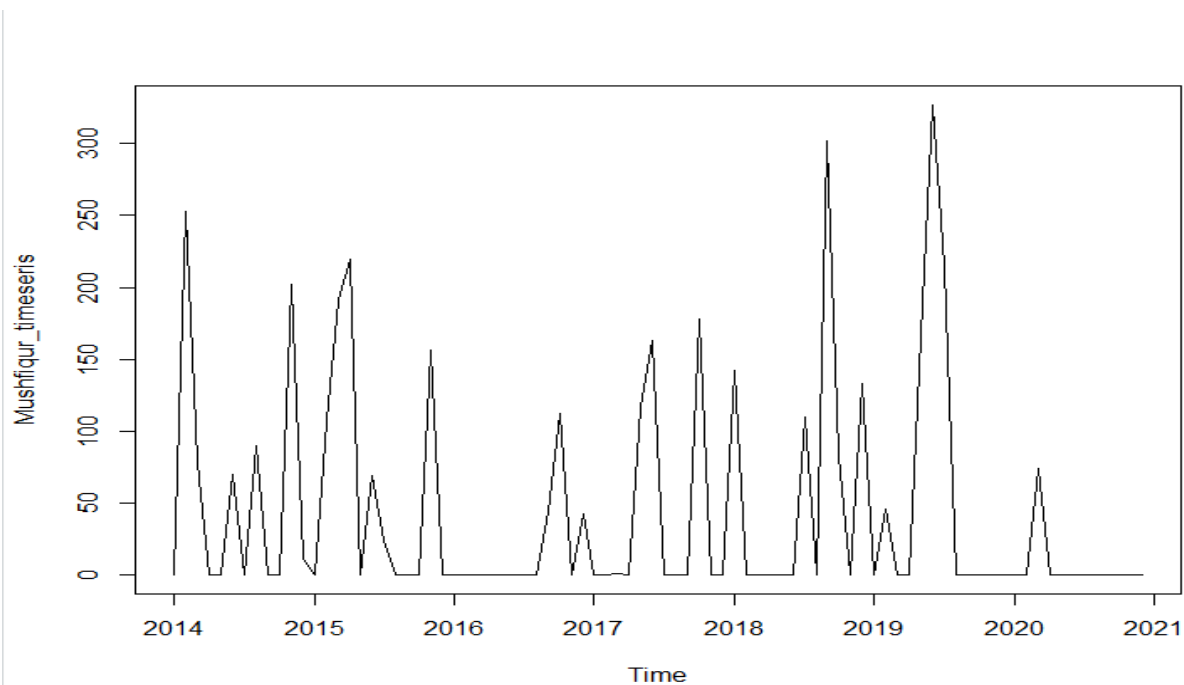


***** Mushfiqur Rahim *****

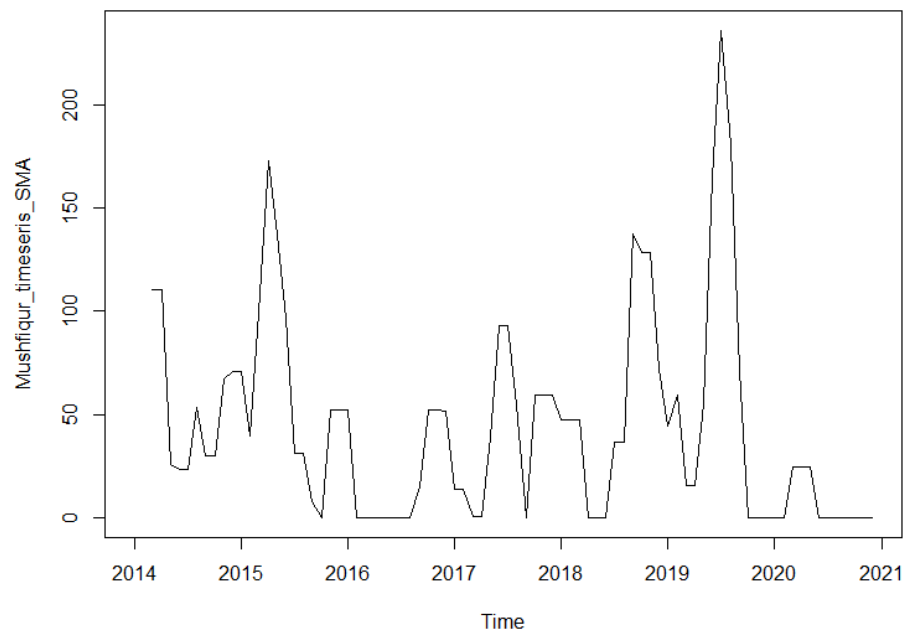
```
> Mushfiqur<-c(0,253,78,0,0,70,0,90,0,0,202,11,0,107,191,220,0,69,24,0,0,0,15
6,0,0,0,0,0,0,0,0,0,44,112,0,42,0,0,1,0,116,163,0,0,0,178,0,0,142,0,0,0,0,0,1
10,0,302,83,0,133,0,46,0,0,166,327,215,0,0,0,0,0,0,74,0,0,0,0,0,0,0,0)
> print(Mushfiqur)
[1] 0 253 78 0 0 70 0 90 0 0 202 11 0 107 191 220 0 69
24 0 0 0
[23] 156 0 0 0 0 0 0 0 0 0 0 44 112 0 42 0 0 1 0
116 163 0 0
[45] 0 178 0 0 142 0 0 0 0 0 0 110 0 302 83 0 133 0 46
0 0 166 327
[67] 215 0 0 0 0 0 0 0 0 74 0 0 0 0 0 0 0 0
> Mushfiqur_timeseris<-ts(Mushfiqur,start = c(2014,1),frequency = 12)
> print(Mushfiqur_timeseris)
```

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2014	0	253	78	0	0	70	0	90	0	0	202	11
2015	0	107	191	220	0	69	24	0	0	0	156	0
2016	0	0	0	0	0	0	0	0	44	112	0	42
2017	0	0	1	0	116	163	0	0	0	178	0	0
2018	142	0	0	0	0	0	110	0	302	83	0	133
2019	0	46	0	0	166	327	215	0	0	0	0	0
2020	0	0	74	0	0	0	0	0	0	0	0	0

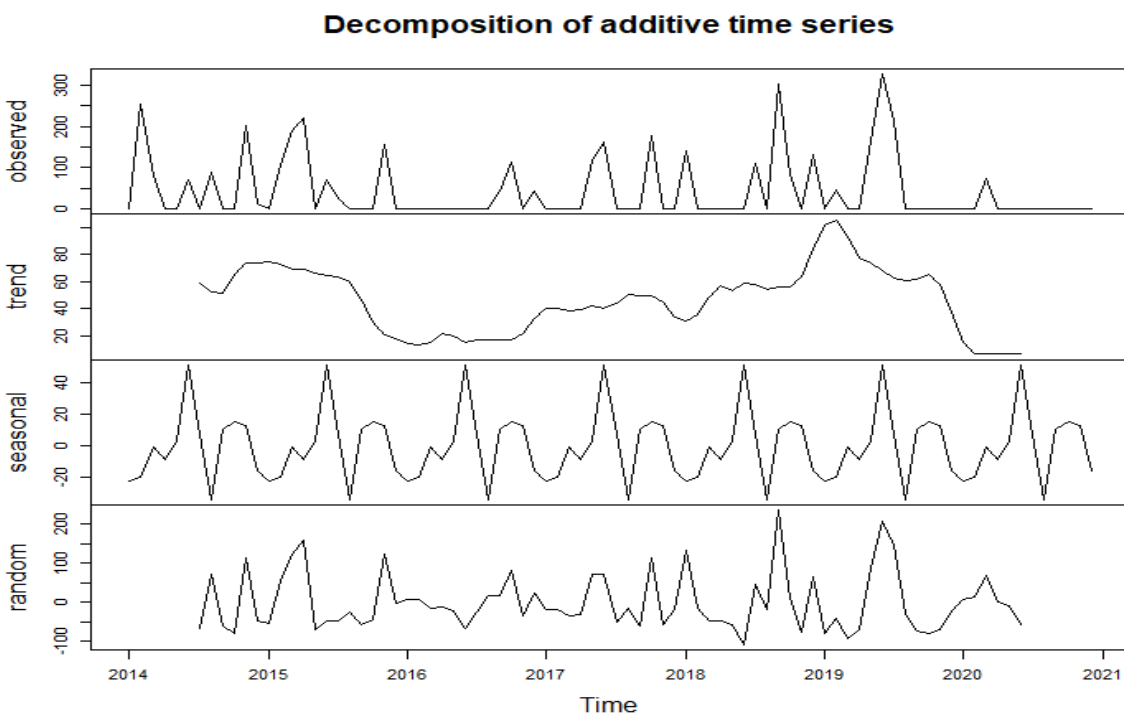
```
> plot.ts(Mushfiqur_timeseris)
```



```
> library(TTR)
> Mushfiqur_timeseris_SMA<-SMA(Mushfiqur_timeseris,n=3)
> plot(Mushfiqur_timeseris_SMA)
```



```
> Mushfiquer_timeseries_Components<-decompose(Mushfiquer_timeseries)
> plot(Mushfiquer_timeseries_Components)
```



***** Tamim Iqbal *****

```
> TamimIqbal<-c(0,0,0,0,0,4,0,118,0,0,137,29,0,19,135,312,0,78,67,0,0,0,132,0,
,0,0,0,0,0,0,100,194,0,114,0,0,127,4,199,293,0,0,0,23,0,0,252,0,0,0,0,0,2
87,0,2,0,0,143,0,10,0,0,176,205,51,0,0,0,0,0,0,0,0,310,0,0,0,0,0,0,0)
```

```
> print(TamimIqbal)
```

```
[1] 0 0 0 0 0 4 0 118 0 0 137 29 0 19 135 312 0 78
[19] 67 0 0 0 132 0 0 0 0 0 0 0 0 100 194 0 114
[37] 0 0 127 4 199 293 0 0 0 23 0 0 252 0 0 0 0
[55] 287 0 2 0 0 143 0 10 0 0 176 205 51 0 0 0 0
[73] 0 0 310 0 0 0 0 0 0 0 0 0 0 0 0 0 0
```

```
> TamimIqbal_timeseris<-ts(TamimIqbal,start = c(2014,1),frequency = 12)
```

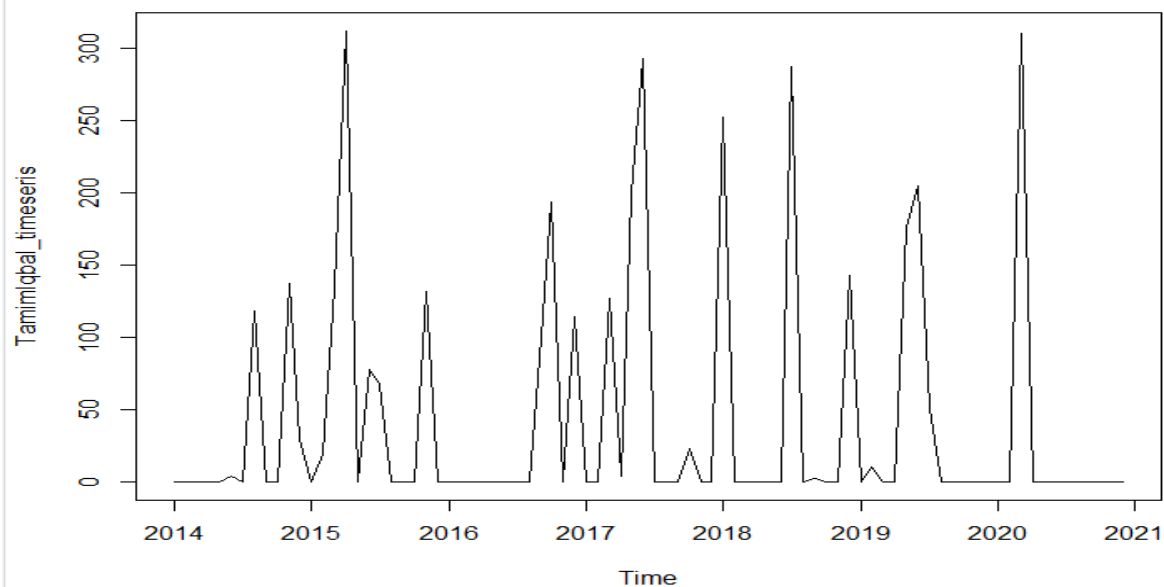
```
> print(TamimIqbal_timeseris)
```

```
Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec
2014 0 0 0 0 0 4 0 118 0 0 137 29
2015 0 19 135 312 0 78 67 0 0 0 132 0
2016 0 0 0 0 0 0 0 0 100 194 0 114
2017 0 0 127 4 199 293 0 0 0 23 0 0
2018 252 0 0 0 0 0 287 0 2 0 0 143
2019 0 10 0 0 176 205 51 0 0 0 0 0
2020 0 0 310 0 0 0 0 0 0 0 0 0
```

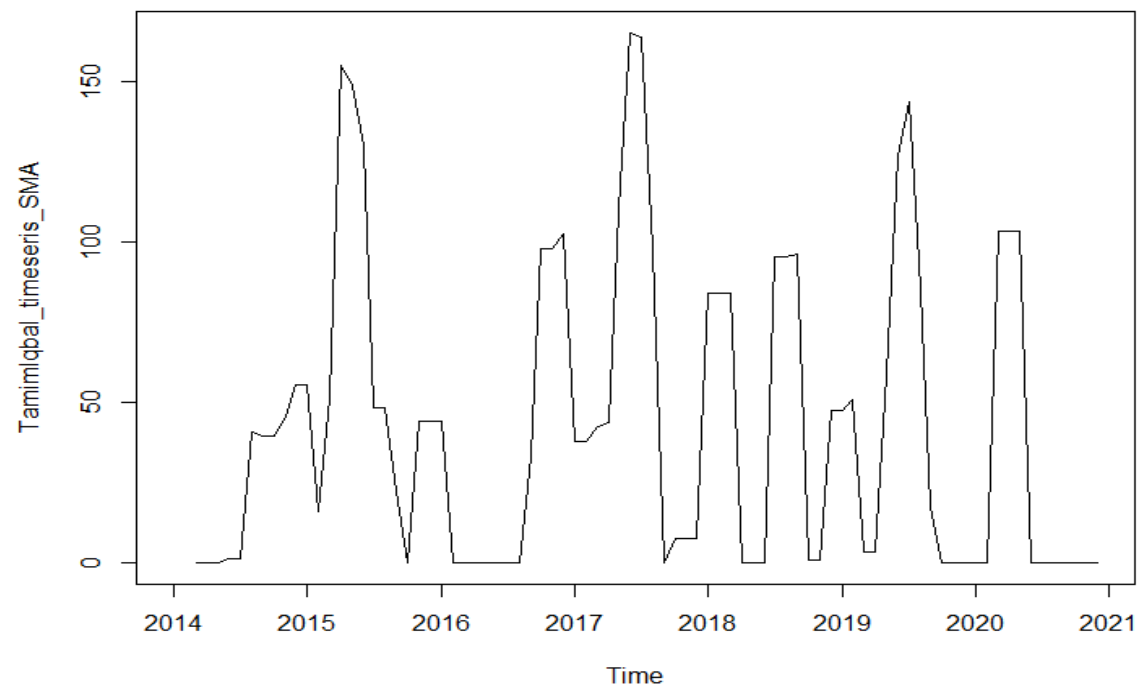
```
> library(TTR)
```

```
> TamimIqbal_timeseris_SMA<-SMA(TamimIqbal_timeseris,n=3)
```

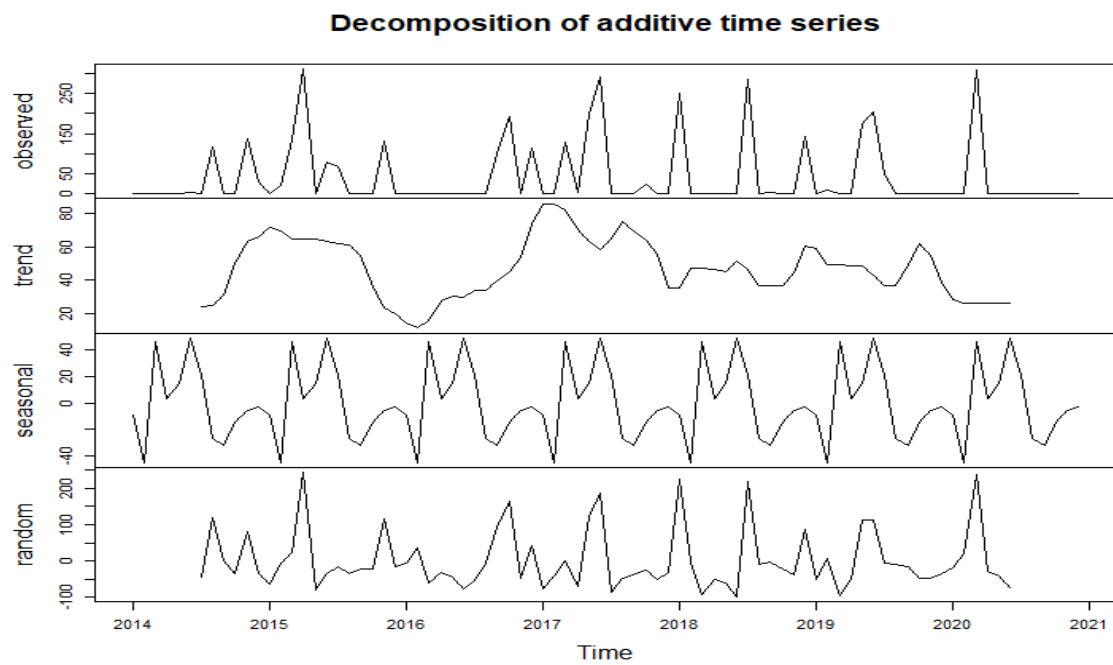
```
> plot.ts(TamimIqbal_timeseris)
```



```
> plot(TamimIqbal_timeseris_SMA)
```



```
> TamimIqbal_timeseris_components<-decompose(TamimIqbal_timeseris)
> plot(TamimIqbal_timeseris_components)
```



***** shakib Al Hasan *****

```
> shakib<-c(0,0,0,0,0,0,0,88,0,103,0,170,0,302,108,94,55,0,17,0,0,0,0,31,0,0,
79,0,0,0,0,0,0,0,0,0,0,27,64,0,0,56,0,0,0,0,142,0,0,109,87,38,0,123,48,0,0,0,
16,0,0,0,0,0,0,0,0,0,65,103,0,84,0,0,72,54,39,168,0,0,0,97,0,0,63,0,0,0,0,0,1
90,0,49,0,0,95,0,0,0,0,140,476,130,0,0,0,0,0)
```

```
> print(shakib)
```

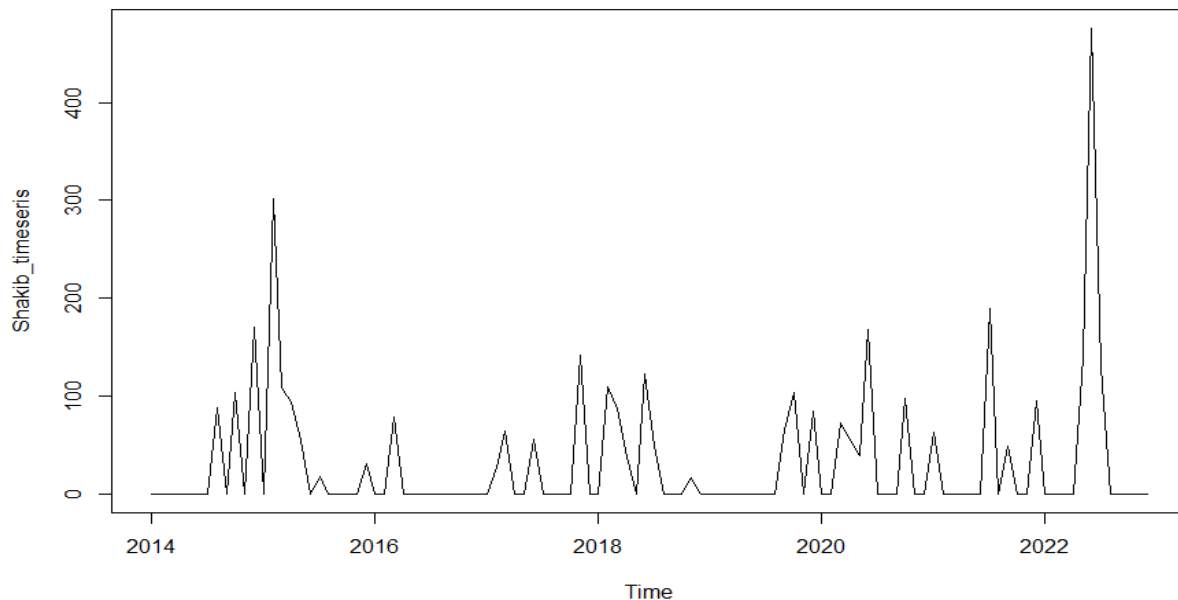
```
[1] 0 0 0 0 0 0 0 88 0 103 0 170 0 302 108 94 55
[18] 0 17 0 0 0 0 31 0 0 79 0 0 0 0 0 0 0
[35] 0 0 0 27 64 0 0 56 0 0 0 0 142 0 0 109 87
[52] 38 0 123 48 0 0 0 16 0 0 0 0 0 0 0 0
[69] 65 103 0 84 0 0 72 54 39 168 0 0 0 97 0 0 63
[86] 0 0 0 0 0 190 0 49 0 0 95 0 0 0 0 140 476
[103] 130 0 0 0 0 0
```

```
> shakib_timeseris<-ts(shakib,start=c(2014,1),frequency = 12)
```

```
> print(shakib_timeseris)
```

```
Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec
2014 0 0 0 0 0 0 0 88 0 103 0 170
2015 0 302 108 94 55 0 17 0 0 0 0 31
2016 0 0 79 0 0 0 0 0 0 0 0 0
2017 0 27 64 0 0 56 0 0 0 0 142 0
2018 0 109 87 38 0 123 48 0 0 0 16 0
2019 0 0 0 0 0 0 0 0 65 103 0 84
2020 0 0 72 54 39 168 0 0 0 97 0 0
2021 63 0 0 0 0 0 190 0 49 0 0 95
2022 0 0 0 0 140 476 130 0 0 0 0 0
```

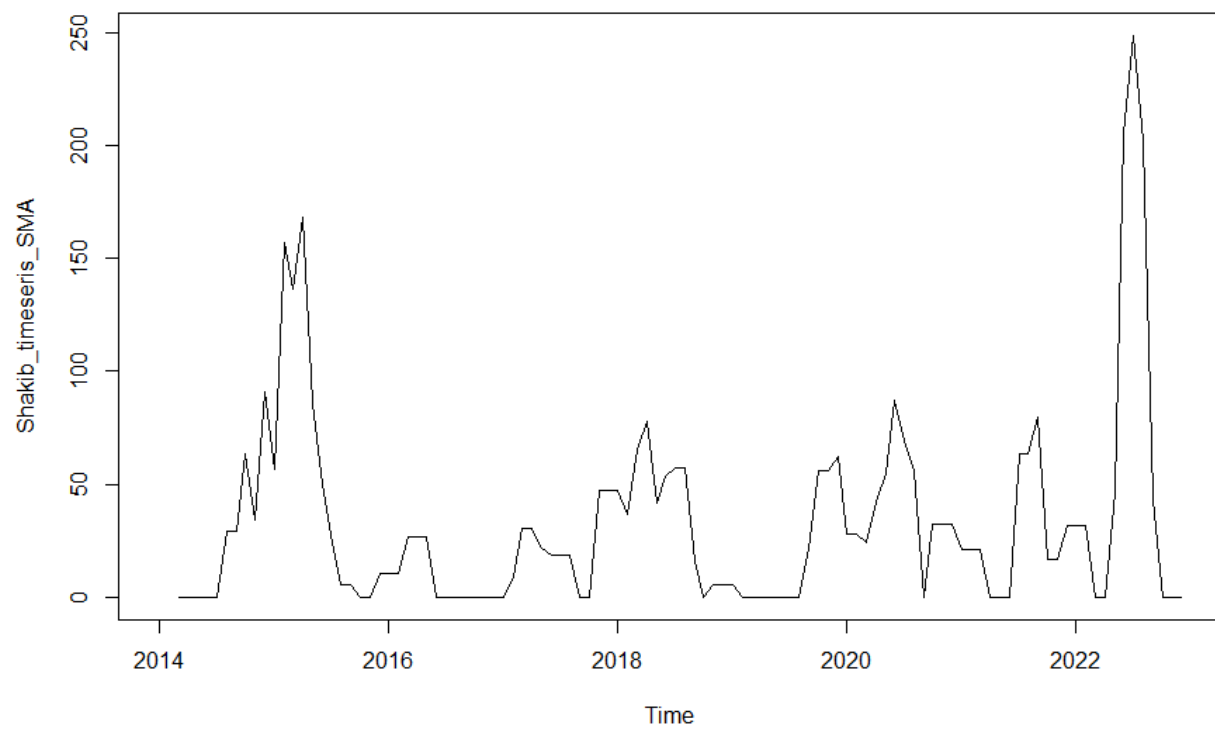
```
> plot.ts(shakib_timeseris)
```



```
> library(TTR)
```

```
> shakib_timeseris_SMA<-SMA(shakib_timeseris,n=3)
```

```
> plot(shakib_timeseris_SMA)
```



```
> shalib_timeseries_components<-decompose(shalib_timeseries)
> plot(shalib_timeseries_components)
```

