

Output

Thursday, 23 April, 2020 11:54 AM

```
cls
clg
print "Corona Virus(COVID-19) Possibility Data Generator"
print "Developed By MD. Asaduzzaman Aminur "
print "Project : https://github.com/Aminur670/COVID-19"
print "email :aminur670601@gmail.com"
print "-----"
print "Note : The Algorithm used in this Program and The Generated Data Table,is not "
print "related to any real statistics or co-incidence.It's only for education purpose."

print "And all data rates are changeable anytime.Any Even There is and MIT Licence"
print "included, any comercial/business/personal use without"
print "developer's Legal permission is not allowed."

print "-----"
print "### Sample Data for Infection Spreading Rate Analysis"

print
print "Starting from 3 April - 5 Infected | rate : 0.73 - 1.00"
print "Possiblity Calculated for 87 days from 3 April"
print
print "Day      Date   Infected"
print "-----"
print "1 3      5"
print "2 4      9"
print "3 5      18 "
print "4 6      35"
print

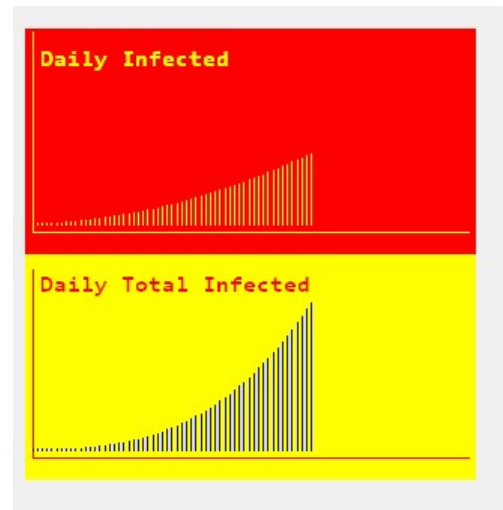
print
print
print "----- Rate Calculation -----"
totalRate= 0
rate=0
dim inf(10) fill 0
#for i=1 to 4 step 1
#input "Day"+i+" Infected : ",inf[i]
#next i
#
inf[1]=5
inf[2]=9
inf[3]=18
inf[4]=35

for i=1 to 4 step 1
totalRate+= inf[i+1]/inf[i]
next i

rate = (totalRate/i)*.77
print
print "Infected Rate/Day:      "+ rate
print
print
print "----- Data Table Calculation -----"
print
print "Keep Count Days same as End Day to get full table to end days"

#Input "Start Day :      ",stDay
print "Start Day :      3"
stDay=3

#input "Start Infected : ",stInf
```



Corona Virus(COVID-19) Possibility Data Generator
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Sample Data for Infection Spreading Rate Analysis

Starting from 3 April - 5 Infected | rate : 0.73 - 1.00
Possiblity Calculated for 87 days from 3 April

Day	Date	Infected
1	3	5
2	4	9
3	5	18
4	6	35

----- Rate Calculation -----

Infected Rate/Day: 0.884644444444

----- Data Table Calculation -----

Keep Count Days same as End Day to get full table to end days
Start Day : 3
Start Infected : 5
End Day : 91
Count Days : 91

Data Table			
Day	Date	Infected	Total

April, 2020

Day:3	3 April, 2020	5	5
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```

print stDay . 5
stDay=3

#input "Start Infected : ",stInf
print "Start Infected : 5"
stInf=5

#Input "End Day : ",enDay
print "End Day : 91"
#enDay=92
enDay=61
#enDay=30

#Input "Count Days : ",countDays
print "Count Days : 91"
countDays = enDay #90

print

date=stInf
print
print
print "----- Data Table -----"
print "-----"
print "Day |Date |Infected |Total"
print "-----"

totalInfected = 0
infDay=5
date=stDay
monthName= "April, 2020"
april = 1

x=5
y=135

color yellow
rect 0,graphheight/2,graphwidth,graphheight

xt=5

yt=graphheight-15
color red
rect 0,0,graphwidth,graphheight/2

#Daily Infected
color yellow
line x,y,graphwidth-5,y
line x,y,x,2

#Daily Infected
color red
line xt,yt,graphwidth-5,yt
line xt,yt,xt,yt-125

# Data Table Loop

for i=stDay to enDay step 1

    infDay=int(i*i*rate)-2
    totalInfected += infDay

if i>enDay - countDays then

    if i<31 and april=1 then

        april=0
        print
        print monthName

```

April, 2020

Day:3	3 April, 2020	5	5
Day:4	4 April, 2020	12	17
Day:5	5 April, 2020	20	37
Day:6	6 April, 2020	29	66
Day:7	7 April, 2020	41	107
Day:8	8 April, 2020	54	161
Day:9	9 April, 2020	69	230
Day:10	10 April, 2020	86	316
Day:11	11 April, 2020	105	421
Day:12	12 April, 2020	125	546
Day:13	13 April, 2020	147	693
Day:14	14 April, 2020	171	864
Day:15	15 April, 2020	197	1061
Day:16	16 April, 2020	224	1285
Day:17	17 April, 2020	253	1538
Day:18	18 April, 2020	284	1822
Day:19	19 April, 2020	317	2139
Day:20	20 April, 2020	351	2490
Day:21	21 April, 2020	388	2878
Day:22	22 April, 2020	426	3304
Day:23	23 April, 2020	465	3769
Day:24	24 April, 2020	507	4276
Day:25	25 April, 2020	550	4826
Day:26	26 April, 2020	596	5422
Day:27	27 April, 2020	642	6064
Day:28	28 April, 2020	691	6755
Day:29	29 April, 2020	741	7496
Day:30	30 April, 2020	794	8290

May, 2020

Day:31	1 May, 2020	848	9138
Day:32	2 May, 2020	903	10041
Day:33	3 May, 2020	961	11002
Day:34	4 May, 2020	1020	12022
Day:35	5 May, 2020	1081	13103
Day:36	6 May, 2020	1144	14247
Day:37	7 May, 2020	1209	15456
Day:38	8 May, 2020	1275	16731
Day:39	9 May, 2020	1343	18074
Day:40	10 May, 2020	1413	19487
Day:41	11 May, 2020	1485	20972
Day:42	12 May, 2020	1558	22530
Day:43	13 May, 2020	1633	24163
Day:44	14 May, 2020	1710	25873
Day:45	15 May, 2020	1789	27662
Day:46	16 May, 2020	1869	29531
Day:47	17 May, 2020	1952	31483
Day:48	18 May, 2020	2036	33519
Day:49	19 May, 2020	2122	35641
Day:50	20 May, 2020	2209	37850
Day:51	21 May, 2020	2298	40148
Day:52	22 May, 2020	2390	42538
Day:53	23 May, 2020	2482	45020
Day:54	24 May, 2020	2577	47597
Day:55	25 May, 2020	2674	50271
Day:56	26 May, 2020	2772	53043
Day:57	27 May, 2020	2872	55915
Day:58	28 May, 2020	2973	58888
Day:59	29 May, 2020	3077	61965
Day:60	30 May, 2020	3182	65147
Day:61	31 May, 2020	3289	68436

```

        print
    endif

    if i = 31 then
        monthName= "May, 2020"
        date=1
        print
        "-----"
        print
        print monthName
        print

    endif

    if i = 62 then
        monthName= "June, 2020"
        date=1
        print
        "-----"
        print
        print monthName
        print
        endif

    if i = 93 then
        monthName= "July, 2020"
        date=1
        print
        print monthName
        print
        endif

    print "Day:" + i + "      | " + date + " " + monthName + "      | " +
    infDay + "      | " + totalInfected

endif

penwidth 1

#Daily Infected
color yellow
line x,y-5,x,y-(infDay/70)-5
x+=3.2

#Daily Total
color blue
line xt,yt-5,xt,yt-(totalInfected/700)-5
xt+=3.2

date++

next i

color Yellow
font "Consolas",12,600
text 10,10,"Daily Infected "

color red
font "Consolas",12,600
text 10,160,"Daily Total Infected "

```