7 Hackers and viruses

(1) replicate

Virus

Virus

(2) hacker

(3) log in

Virus

Virus

Virus

(4) virus

(5) host

(6) infect
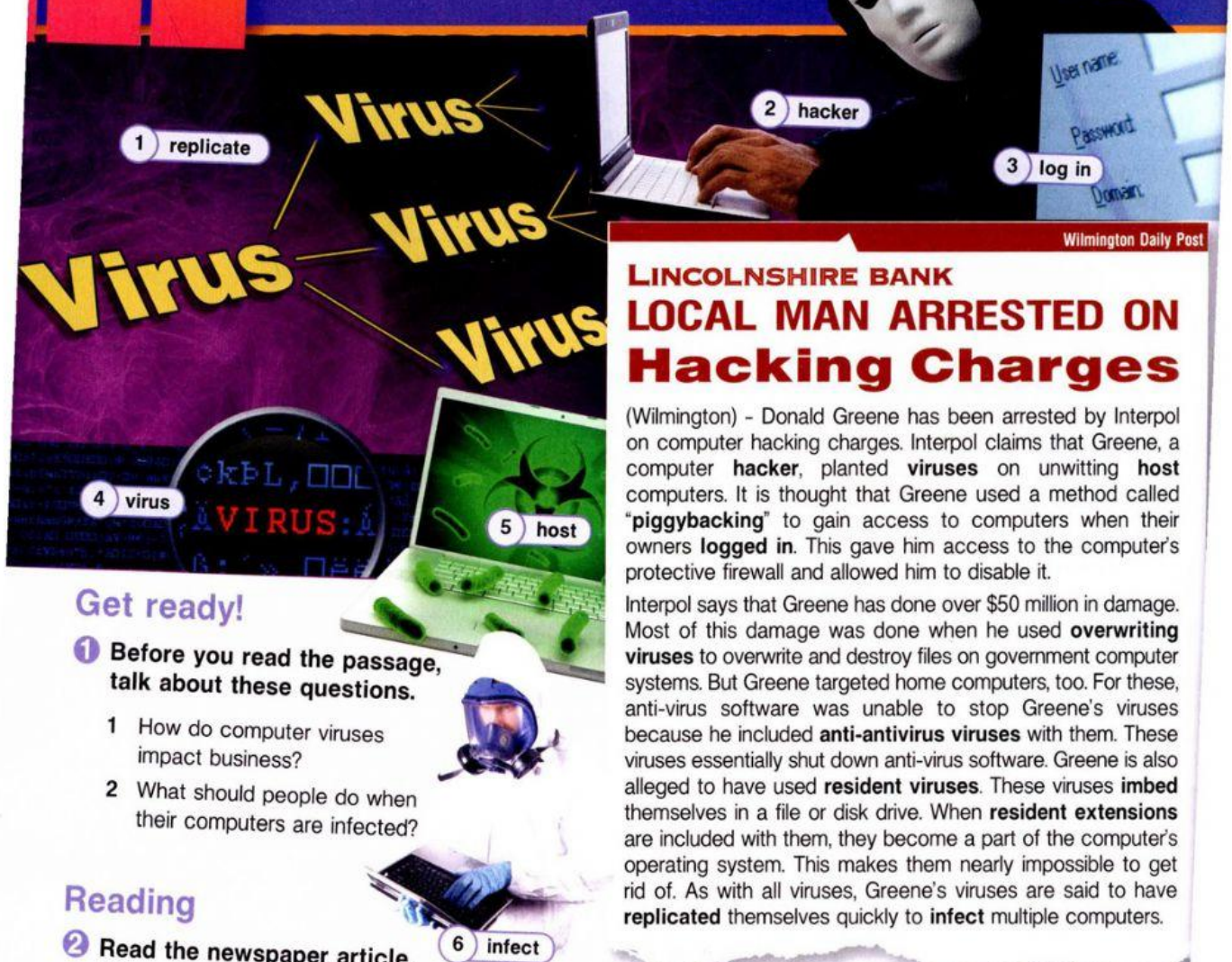
Get ready!

① **Before you read the passage, talk about these questions.**

1   How do computer viruses impact business?

2   What should people do when their computers are infected?

Reading

② **Read the newspaper article. Then, choose the right answers.**

1   What is the article mainly about?
   A   new types of computer virus
   B   a man who is investigating viruses
   C   the capture of a man who used viruses
   D   a way to protect computers from viruses

2   Which type of virus was the most harmful?
   A   overwriting viruses
   B   anti-antivirus viruses
   C   resident extensions
   D   resident viruses

3   What can be inferred about resident viruses?
   A   They can disable firewalls.
   B   They aid hackers with piggybacking.
   C   They do less damage than anti-antivirus viruses.
   D   They do not always include resident extensions.

LINCOLNSHIRE BANK

LOCAL MAN ARRESTED ON Hacking Charges

(Wilmington) - Donald Greene has been arrested by Interpol on computer hacking charges. Interpol claims that Greene, a computer **hacker**, planted **viruses** on unwitting **host** computers. It is thought that Greene used a method called "**piggybacking**" to gain access to computers when their owners **logged in**. This gave him access to the computer's protective firewall and allowed him to disable it.

Interpol says that Greene has done over $50 million in damage. Most of this damage was done when he used **overwriting viruses** to overwrite and destroy files on government computer systems. But Greene targeted home computers, too. For these, anti-virus software was unable to stop Greene's viruses because he included **anti-antivirus viruses** with them. These viruses essentially shut down anti-virus software. Greene is also alleged to have used **resident viruses**. These viruses **imbed** themselves in a file or disk drive. When **resident extensions** are included with them, they become a part of the computer's operating system. This makes them nearly impossible to get rid of. As with all viruses, Greene's viruses are said to have **replicated** themselves quickly to **infect** multiple computers.

Vocabulary

③ **Match the words (1-7) with the definitions (A-G).**

1 __ piggyback   5 __ anti-antivirus virus
2 __ hacker   6 __ resident extension
3 __ host   7 __ virus
4 __ overwriting virus

A   a virus that attacks anti-virus software
B   a program file that installs itself without permission
C   an add-on that makes a computer virus part of the host computer's operating system
D   a virus that copies its code over and destroys the files of the original data
E   to gain unauthorized access to a computer system by using the owner's connection
F   a computer system that has a virus attached to it
G   a person who illegally exploits computer hardware and software