FIT3031 TUTORIAL 10

MALICIOUS SOFTWARE

Review

Q1.   What is the role of encryption in the operation of a virus?

Q2.   What are the typical phases of operation of a virus?

Q3.   In general terms, how does a worm propagate?

Q4.   Describe some worm countermeasures.

Q5.   What is a DDos?

Problems:

1. Consider the following code fragment:
    Legitimate code
    If date is Friday the 13th;
            Crash_computer();
    Legitimate code
    What type of malicious software is this?

2. Consider the following code fragment in an authentication program:
    username = read_username ();
    password = read_password ();
    if username is "133t h4ck0r"
            return ALLOW_LOGIN;
    if username and password are valid
            return ALLOW_LOGIN;
    else return DENY_LOGIN;

    What type of malicious software is this?