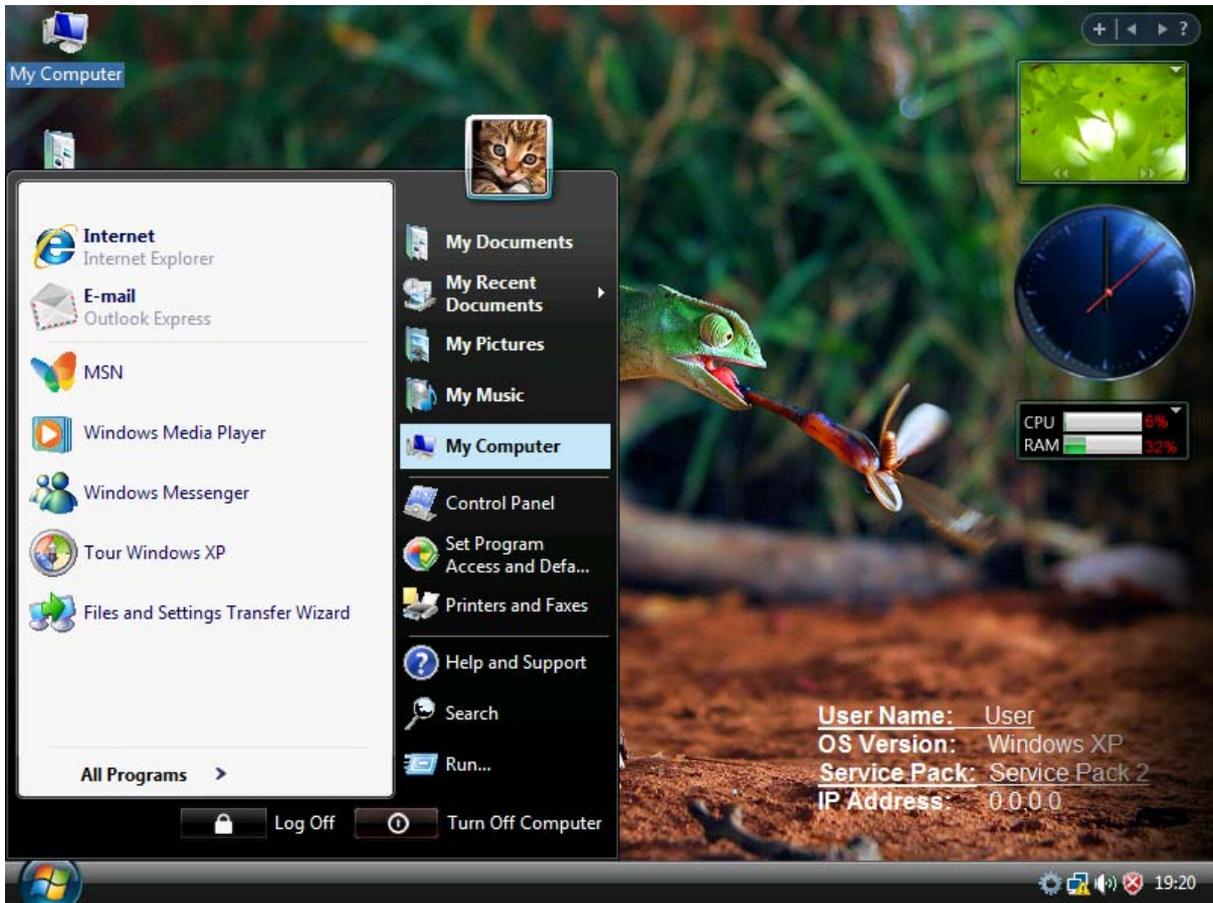
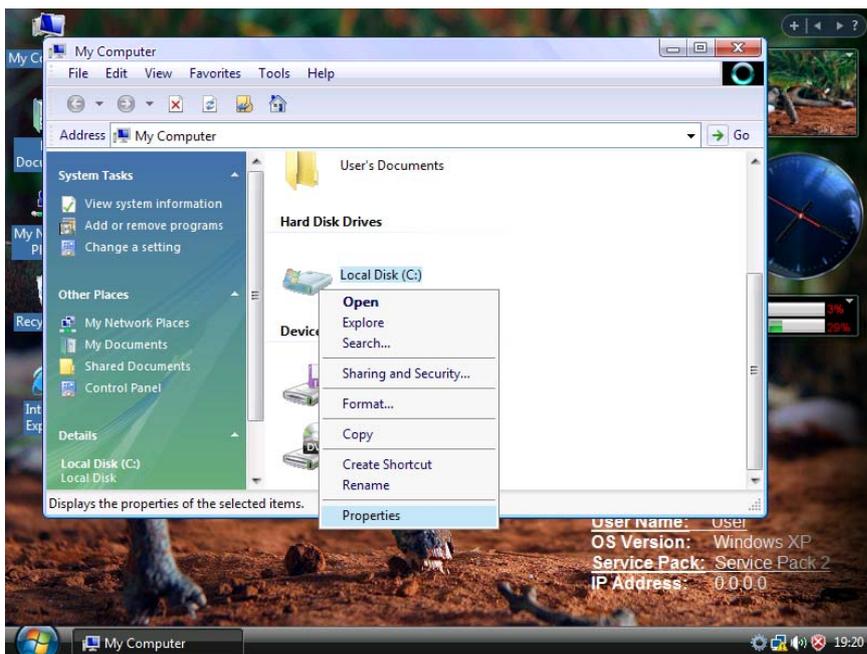


## Detecting and repairing disk errors

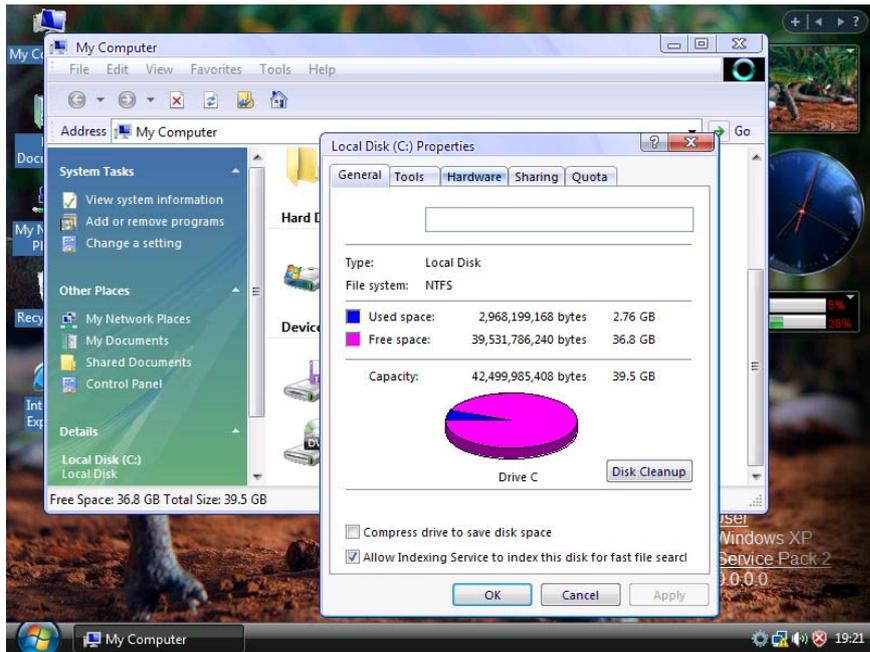
You can use the Error-checking tool to check for file system errors and bad sectors on your hard disk.



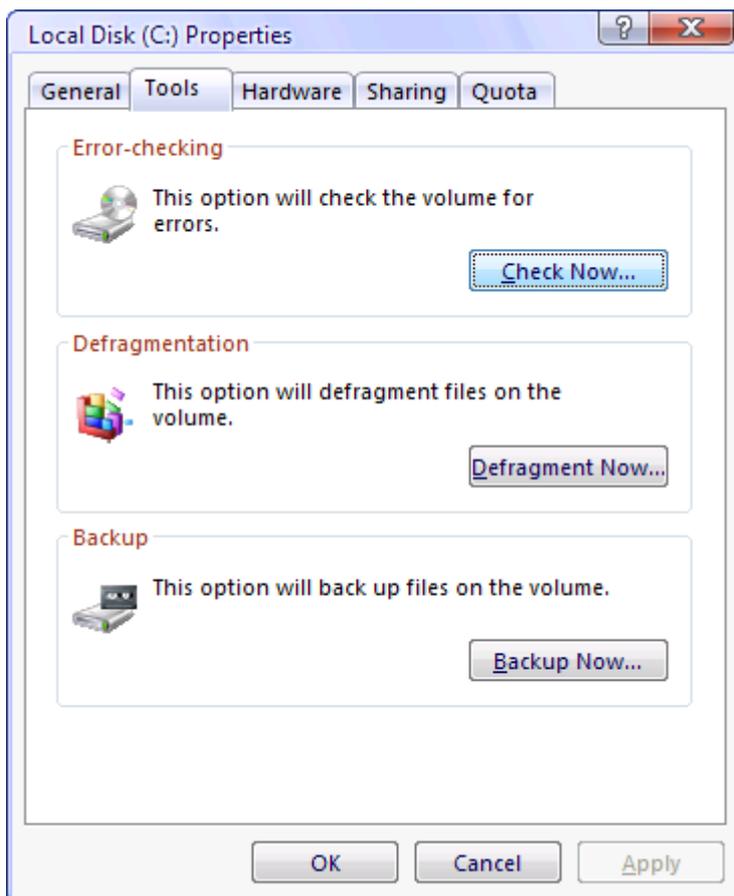
Click **Start, My Computer**.



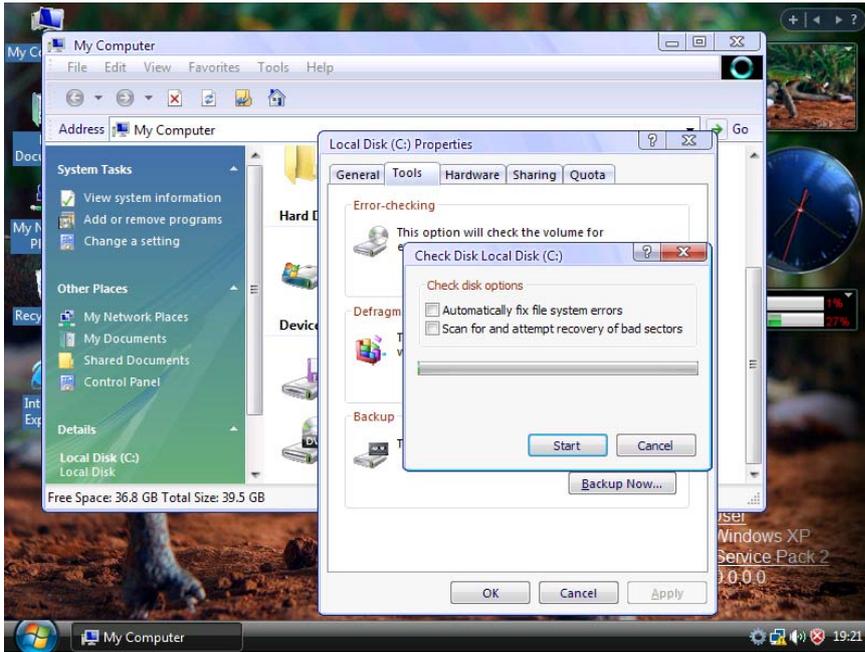
*Right-click* on the drive you wish to check. Click on **Properties**.



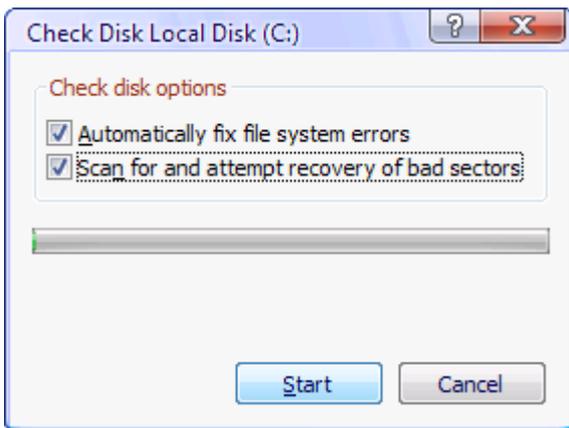
Click **Tools** (at the top).



Click **Check Now...** button.

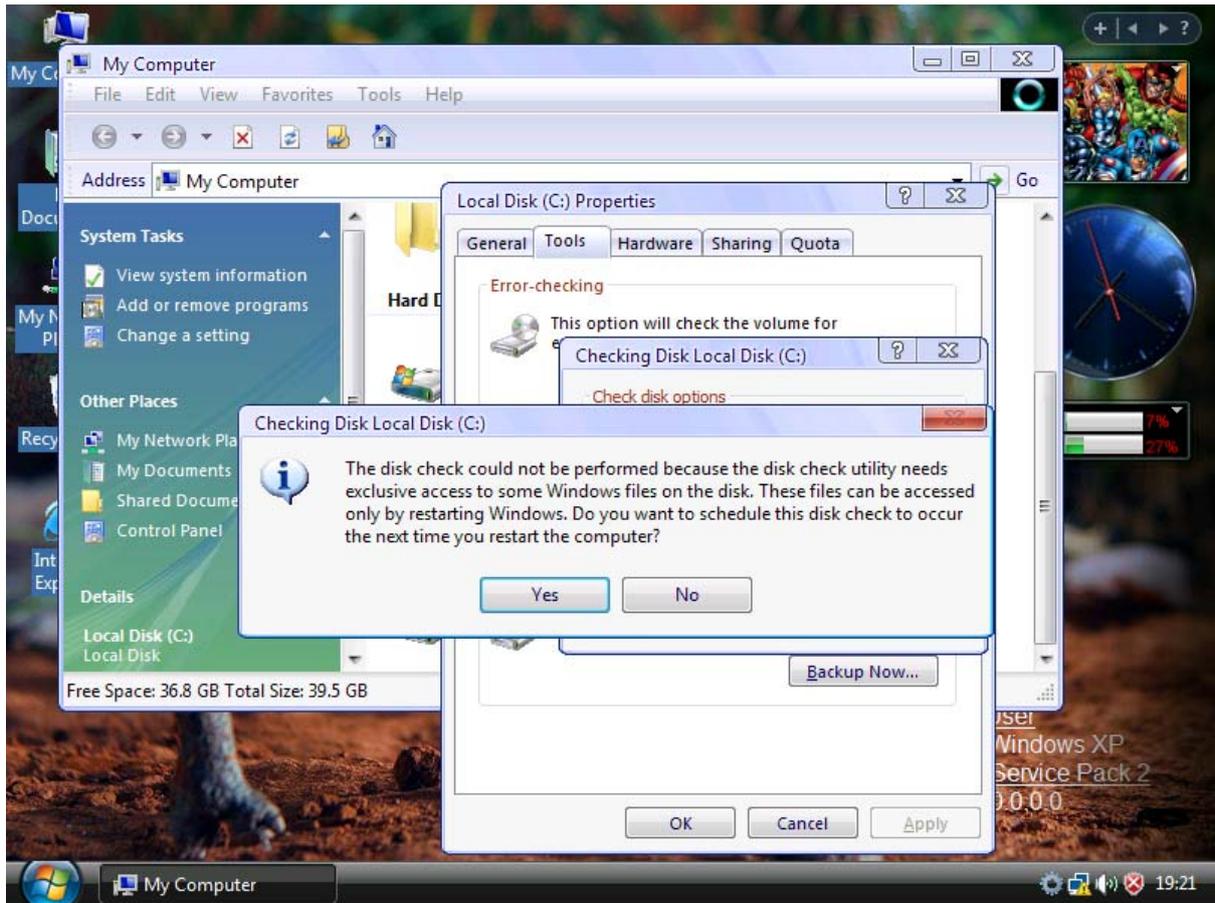


Tick the two boxes to perform an in-depth scan. Or just the first box to perform a basic scan.

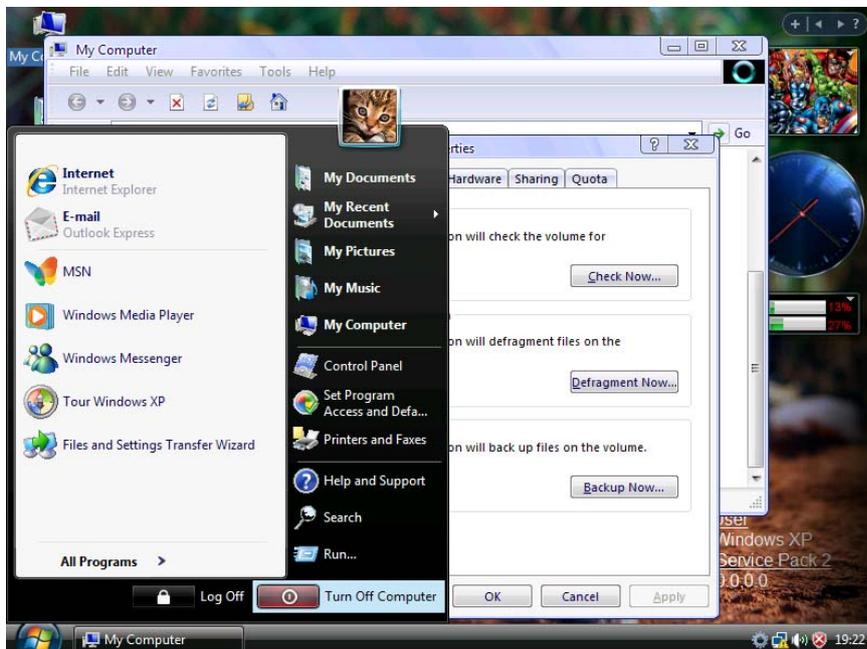


An in-depth scan takes 45mins to a few hours depending on the System speed and the numbers of errors.

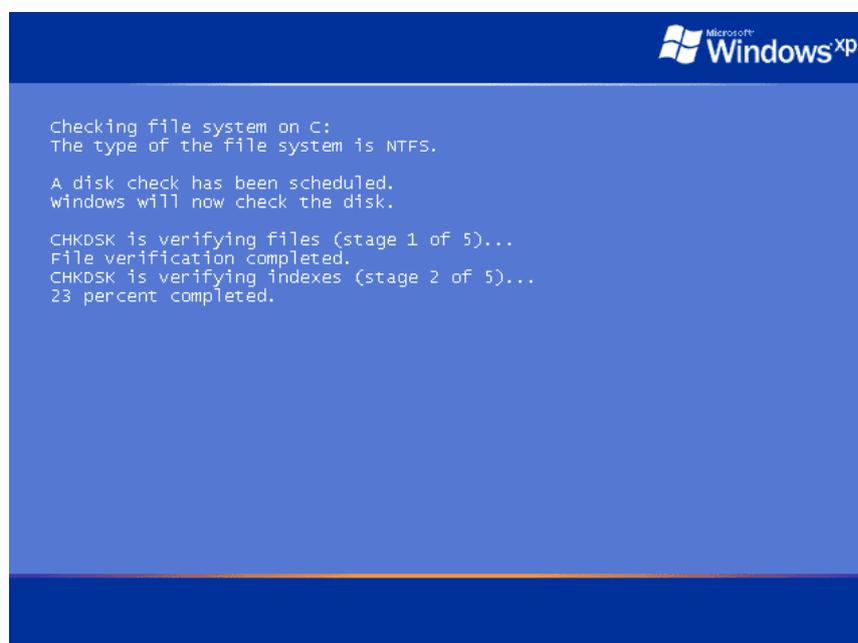
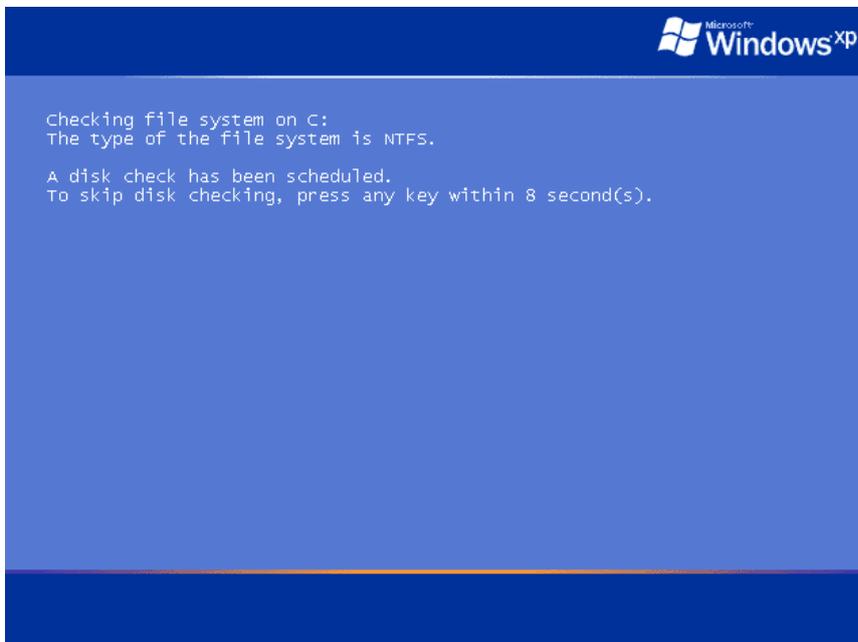
The basic scan should only take a few minutes to about 20mins.



Click **Yes** to continue.



**Restart** the computer for the scan to start.



```
Microsoft Windows XP

Checking file system on C:
The type of the file system is NTFS.

A disk check has been scheduled.
windows will now check the disk.

CHKDSK is verifying files (stage 1 of 5)...
File verification completed.
CHKDSK is verifying indexes (stage 2 of 5)...
Index verification completed.
CHKDSK is verifying security descriptors (stage 3 of 5)...
Security descriptor verification completed.
CHKDSK is verifying file data (stage 4 of 5)...
15 percent completed.
```

```
Microsoft Windows XP

Checking file system on C:
The type of the file system is NTFS.

A disk check has been scheduled.
windows will now check the disk.

CHKDSK is verifying files (stage 1 of 5)...
File verification completed.
CHKDSK is verifying indexes (stage 2 of 5)...
Index verification completed.
CHKDSK is verifying security descriptors (stage 3 of 5)...
Security descriptor verification completed.
CHKDSK is verifying file data (stage 4 of 5)...
File data verification completed.
CHKDSK is verifying free space (stage 5 of 5)...
5 percent completed.
```

```
Microsoft Windows XP

A disk check has been scheduled.
windows will now check the disk.

CHKDSK is verifying files (stage 1 of 5)...
File verification completed.
CHKDSK is verifying indexes (stage 2 of 5)...
Index verification completed.
CHKDSK is verifying security descriptors (stage 3 of 5)...
Security descriptor verification completed.
CHKDSK is verifying file data (stage 4 of 5)...
File data verification completed.
CHKDSK is verifying free space (stage 5 of 5)...
Free space verification is complete.

41503892 KB total disk space.
 2814792 KB in 11400 files.
   3036 KB in 770 indexes.
    0 KB in bad sectors.
 79448 KB in use by the system.
 65536 KB occupied by the log file.
 65536 KB occupied by the log file.
38606616 KB available on disk.
```

At the end of the scan, if there are 200KB or more in the bad sectors, you definitely need to start **Backing up** your data and look for a new drive.



Once you see this screen or the computer restarts successfully, the scan is complete.