**Assignment Module 4 trouble shooting**

**1)Troubleshooting**

Is the process of identifying, planning, and resolving problems, errors, or faults within a software or computer system. It enables the repair and restoration of a computer or software when it becomes faulty, unresponsive, or behaves abnormally. Troubleshooting involves systematic steps to diagnose and fix issues, ensuring that the system or software operates as intended.

Here are some common troubleshooting scenarios:

**2) Changing Administrator Account Password**:

Practically changing the administrator account password is essential for security and access control.

**3) No Display on Screen**:

When a computer doesn’t display anything, troubleshooting involves checking connections, testing the monitor, and verifying graphics card functionality also there can be no OS installed .

**4) Blue Screen of Death (BSOD)**:

BSODs indicate critical system errors. Troubleshooting involves identifying the cause (such as faulty hardware or incompatible drivers) and resolving it.

**5) Repairing the Operating System (OS)**:

Practical steps to repair the OS may include using system recovery tools, repairing system files, or reinstalling the OS.

**6) Repairing Boot Files**:

If the system fails to boot, troubleshooting focuses on fixing boot-related files or configurations or

**7) Recovering Deleted or Formatted Files**:

Practical recovery methods involve using specialized software or restoring from backups.

**8) Recovering Data from Corrupted OS Files**:

Troubleshooting corrupted OS files may involve repairing or replacing them to ensure system stability.

**9) Basic Printer Troubleshooting**:

For printer issues, check connections, paper jams, ink levels, and printer drivers.

**10) Basic Laptop Troubleshooting**:

When a laptop doesn’t start up, disassembling it to check components (like RAM) or replacing a corrupted RAM module can be part of troubleshooting.

In summary, troubleshooting aims to diagnose and resolve issues, ensuring smooth operation of computer systems and software