Ex1

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| --- | --- | --- |
| Type | Definition | Ways to avoid |
| System | Affects the computer or its peripherals | Write code to check that peripherals are present before any data is sent to it. |
| Syntax | Mistakes in the programming language | Debug |
| Logic | The program runs, but it won’t work properly. | “hand testing”, “dry-run” |

Ex2

1. Connect a computer to a telephone line –
2. Identify items for pricing – use barcode labels
3. Add extra facilities to a computer – install an expansion card
4. Get more file storage space – install a bigger hard disk
5. Find syntax errors – use the debug command
6. Avoid marking the surface of a CD-ROM – hold it by the edges
7. Improve the speed of your computer – add more memory
8. Avoid system errors – write code to check a peripheral is present
9. Prepare a new disk for use – format the disk
10. Transfer information between computers – use a removable disk

Ex3

1. In order to get rid of a logic error, you have to “hand-test” the program.
2. In order to avoid system errors, write code to check whether peripherals are present or not.
3. Syntax errors cause the program to fail.
4. I had to restart my computer, because it “froze”.
5. Make sure your scanner is turned on.
6. This manual gives information on how to detect and get rid of errors in programs.