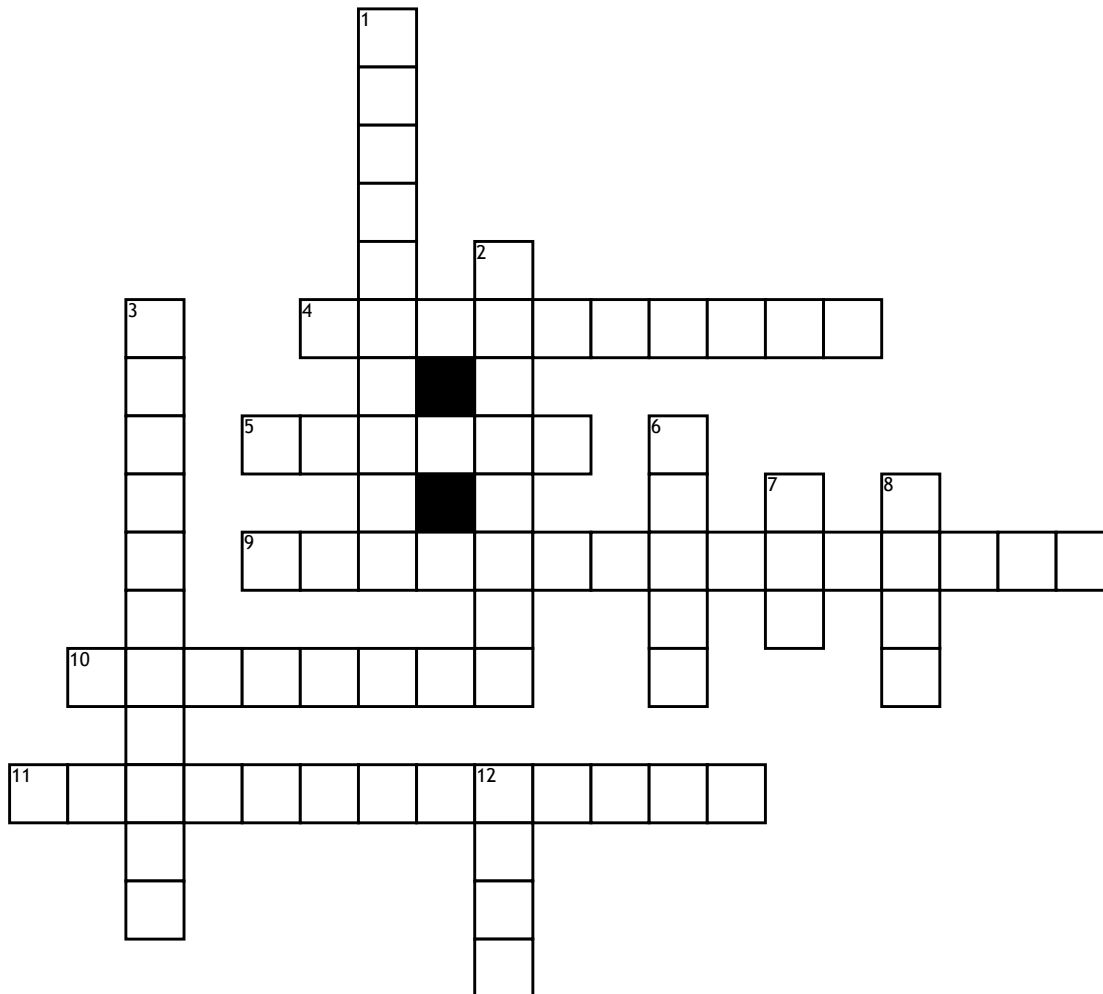# Operating Systems

Across
4. programming code that has to be processed by a compiler to make object code for use in a computer

5. the core of an operating system dealing with allocating hardware resources and the application program

9. the set of programs providing communications between the application programs and the hardware

10. the physical components of a computer system

11. a complete operating system kit with the utilities and applications you need to make it do useful things

Down
1. part of a system software development where anyone is free to take a copy of source code, extend, and fix bugs in it

2. computer program that are made available no cost to the use

3. Word processor, spreadsheet, or database program

6. a clone of Unix operating system created by Linus Torvalds for use on PC

7. version 10 of the Apple McIntosh operating system

8. the person using a computer

12. a popular multi-user multitasking operating system originally designed for mainframe computer.