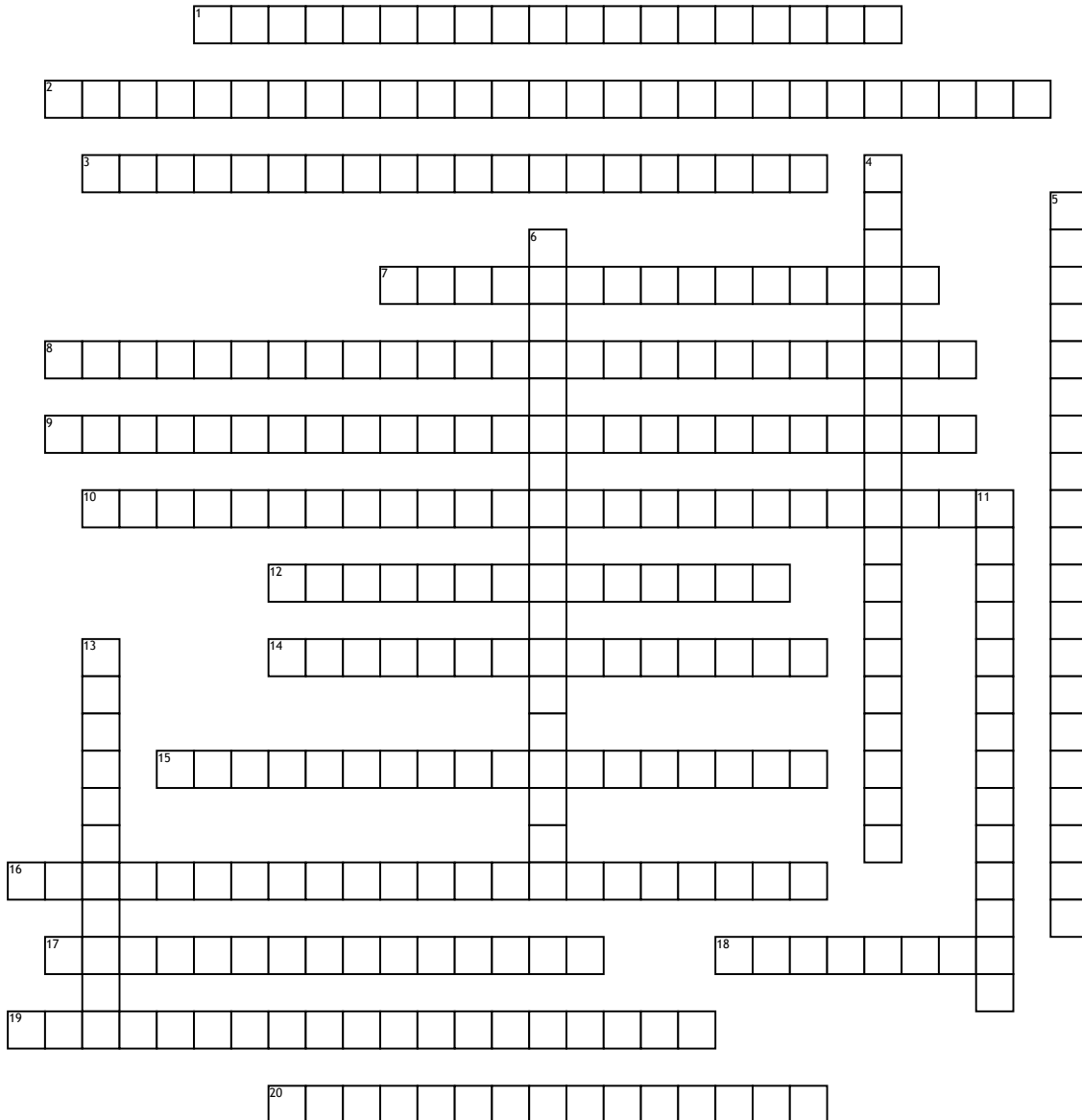


Samkelisiwe Hlatshwayo



Across

- 1. : Programs that allow end-users to accomplish certain tasks or help other programs to meet the information processing needs of end users.
- 2. These programs accomplish the processing of important business functions in order to satisfy industry requirements.
- 3. allows a programmer or end user to develop the sets of instructions that constitute a computer program.
- 7. In the early stages of computer development, all programs had to be written using binary codes (machine language) unique to each computer.
- 8. These programs are used to produce high quality output of graphics and text.
- 9. systems software programs that help the user in the creation, controlling development, usage and maintenance of the databases of computer systems.

- 10. They are used by network servers and other computers in a network.
- 12. refer to the individual user's needs in a way of improving their personal effectiveness.
- 14. a set of programs controlling the computer hardware and acting as an interface with the application programs.
- 15. These languages use symbolic codes to represent instructions and were developed to reduce the difficulties in writing machine languages.
- 16. This type of software is used for typing documents and it also allows the user to insert graphics into the documents, creating, for example, greeting cards, reports, text formatting, etc.
- 17. type of system software that performs a specific task, usually related to managing a computer, its devices, or its programs.
- 18. Converts a complete source code program into a machine language program that the computer can process in its entirety.

- 19. Used for analysis, planning and modelling.
 - 20. refer to at least two people working in an organisation on a specific project(s).
- Down**
- 4. Selecting a programming language to use for a particular program involves balancing the functional characteristics of the language.
 - 5. These are software packages that help convert numeric data into graphic displays and graphic presentations.
 - 6. These languages use brief statements for instructions (that are more like English) and arithmetic notation for expressions.
 - 11. Programs designed to perform tasks associated with the direct control and management of computer hardware
 - 13. Translates and executes one program source code statement at a time, as the program is running.