

## Exercise

### A. Choose the correct options.

- Which of the following languages do not require any conversion?  
a)  Machine language    b) Assembly language    c) High-level language    d) Java
- Which shape is used to represent a decision in a flow chart?  
a) Rectangle    b) Circle    c)  Diamond    d) Parallelogram
- What does a rectangle shape represent in a flow chart?  
a) Decision    b) Input/output    c) Start    d)  Processing
- Which of the following languages uses mnemonics?  
a)  Assembly language    b) Machine language    c) High-level language    d) Java
- Which of the following languages is an example of 4GLs?  
a) Java    b) C    c)  SQL    d) C++

### B. State true or false.

- Flow charts are a way to represent algorithms. *True*
- Assembly language consists of 0s and 1s. *False*
- C is a low-level language. *False*
- Machine language does not require any conversion. *True*
- High-level languages are faster than low-level languages. *False*
- An interpreter converts a low-level language program to a high-level language program. *False*



C. Fill in the blanks.

1. compiler converts a high-level language program to a low-level language program in one go.
2. 0 and 1 are the two binary digits.
3. The two categories of low-level languages are machine language and Assembly language.
4. You can use the Oval shape to represent the start and end in a flow chart.
5. A computer can only understand the Binary language.