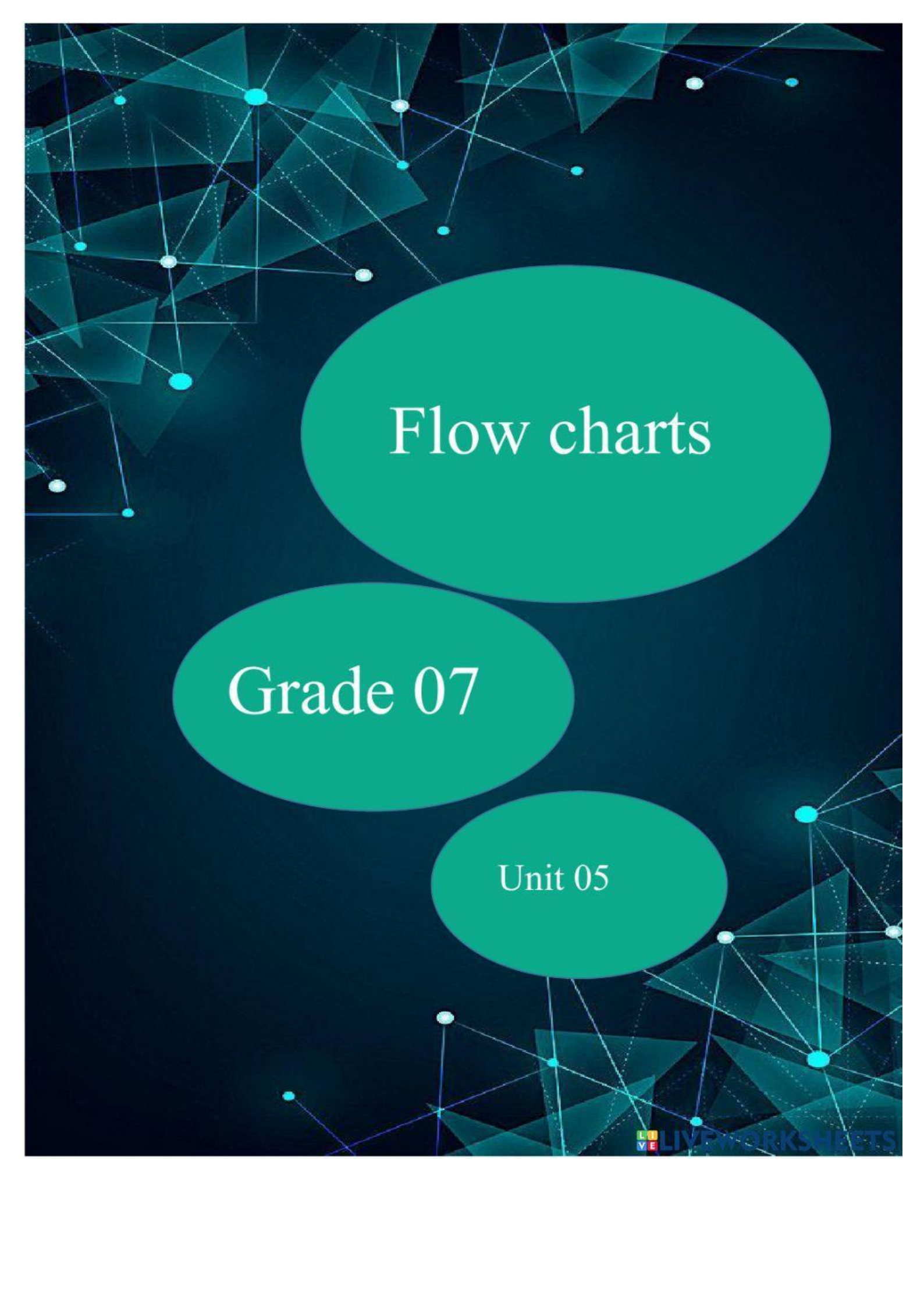




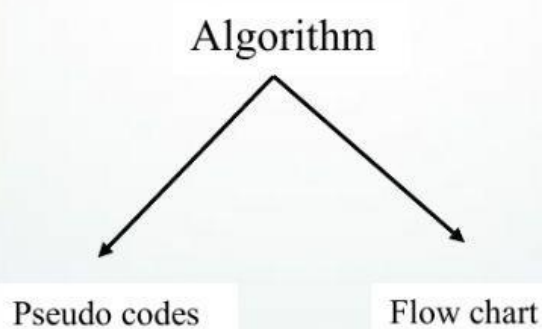
Flow charts

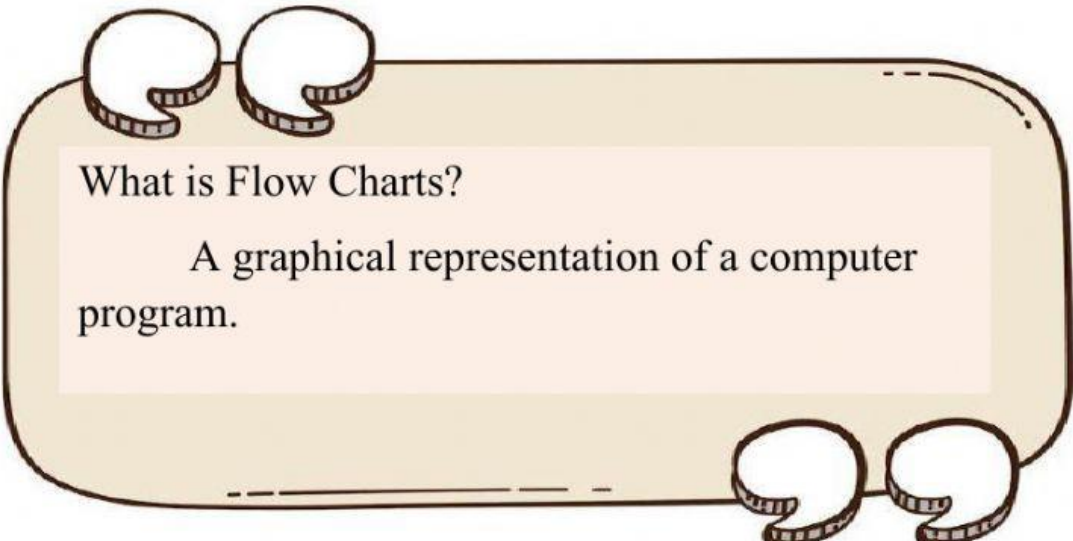
Grade 07

Unit 05

What is algorithm?

Process or set of rules to be followed in calculation or other problem solving operations in the computer.

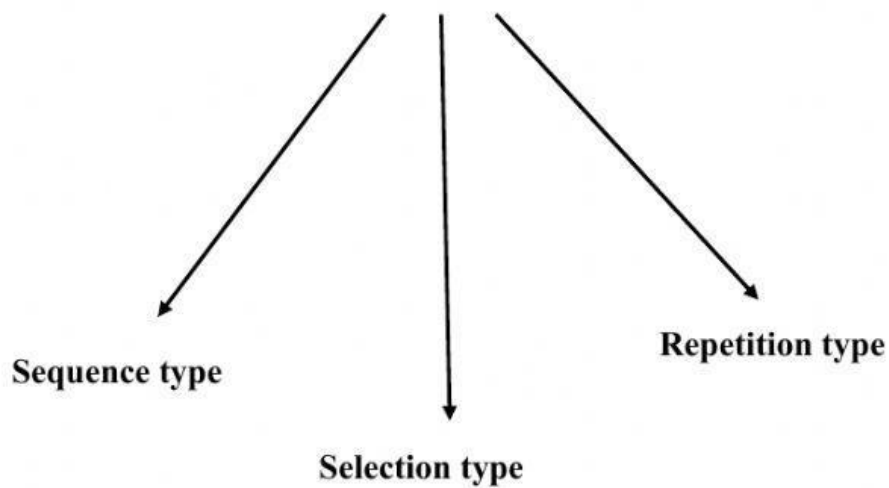




What is Flow Charts?

A graphical representation of a computer program.

Flow charts



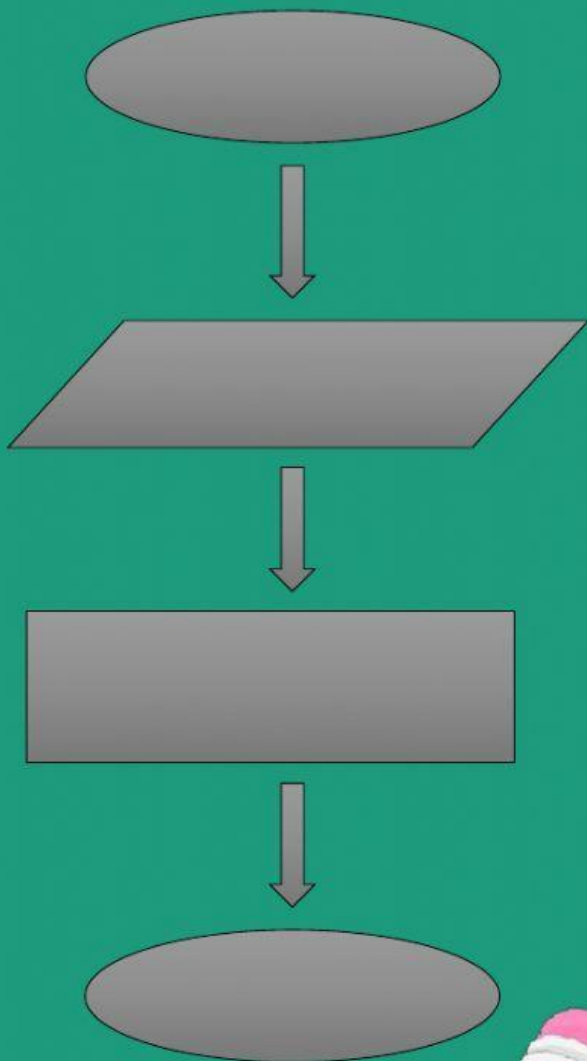


If the steps are carried out one after the other from the beginning to the end in a particular consecutive order, it is called a **Sequence**.

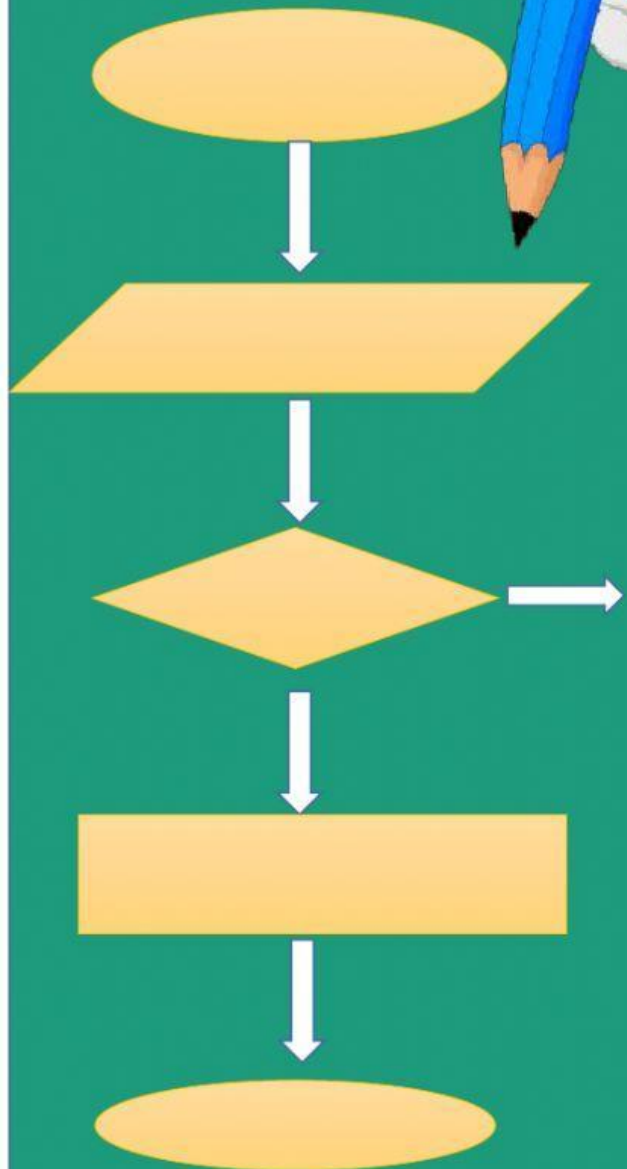


Selection decides which steps are executed depending on whether a condition of an algorithm is satisfied or not is called **selection**.

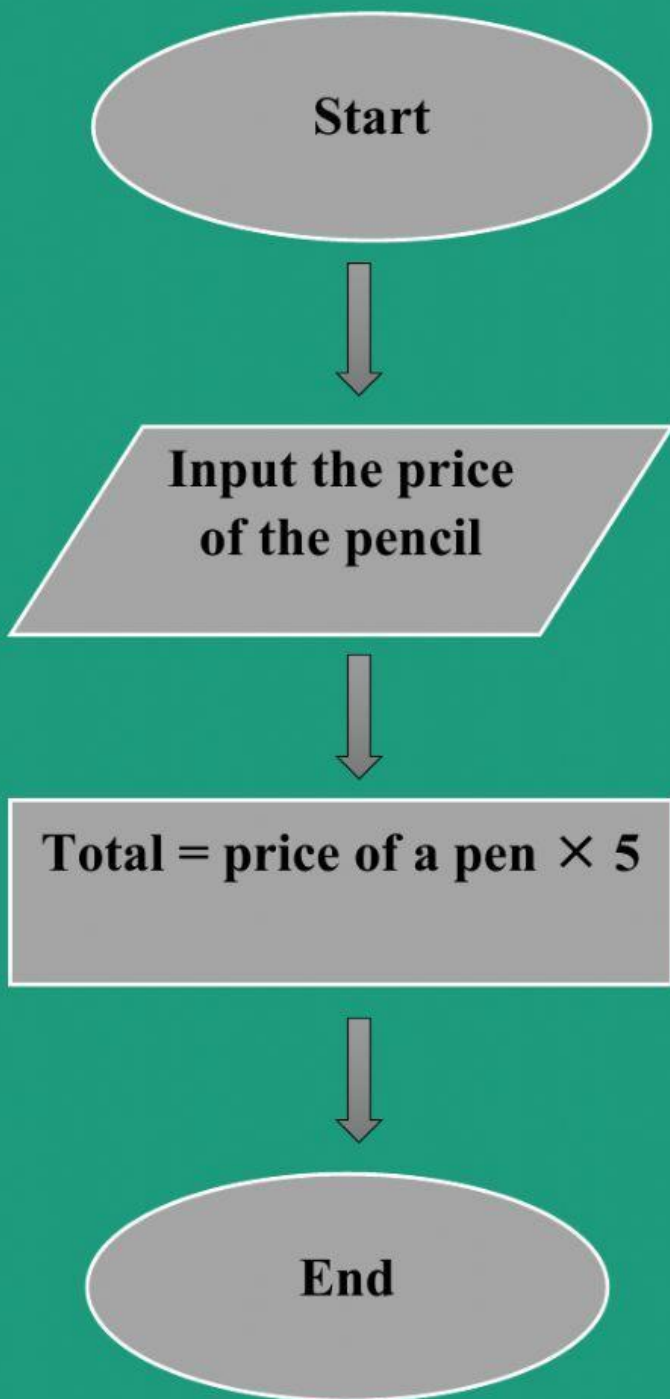
Sequence Type



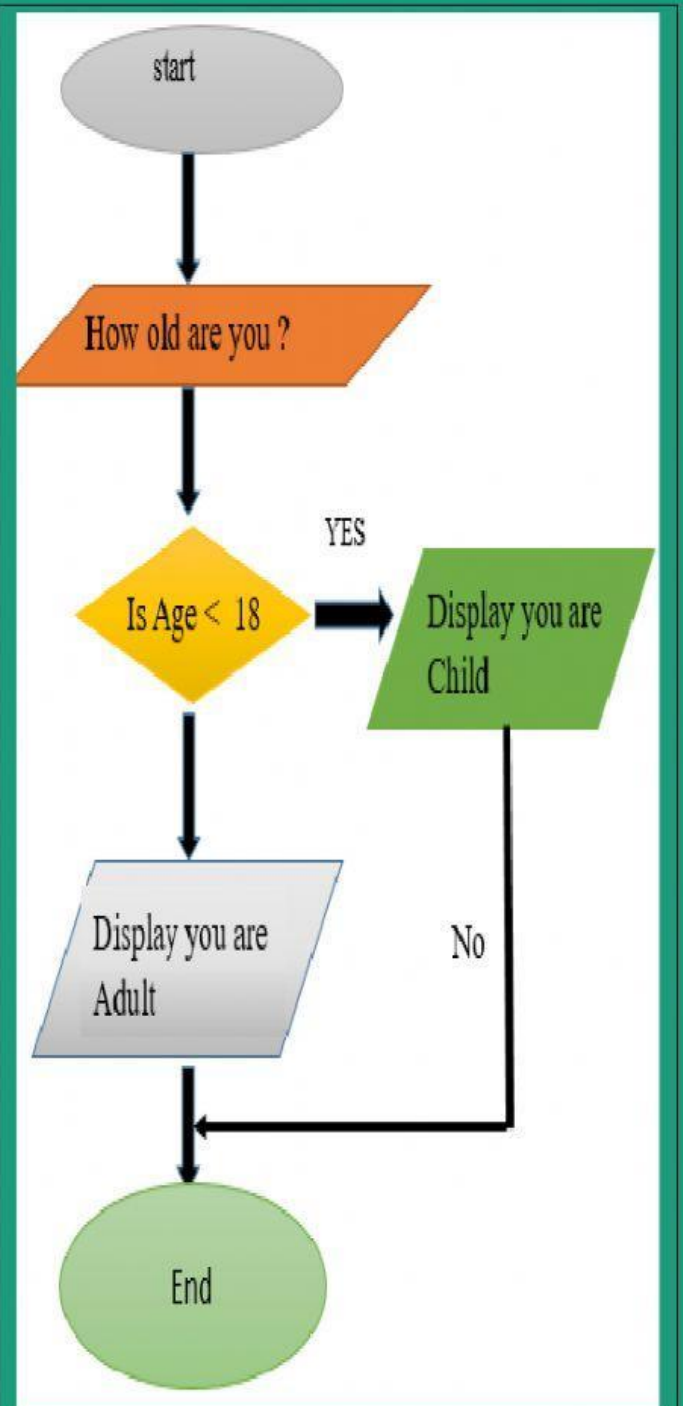
Selection Type



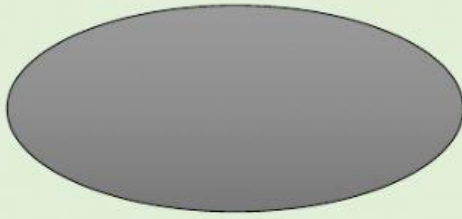
Let's calculate the price of five pencils



Let's see how old are you?
Are you a child?
Are you an adult?



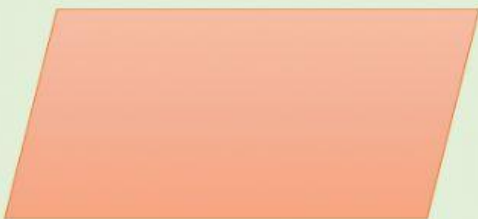
Match the correctly following flow charts symbols



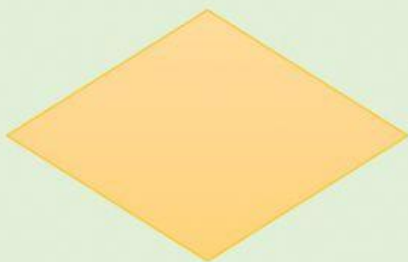
Decision making



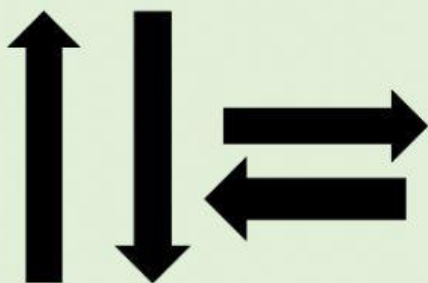
Data flow



Process/Action

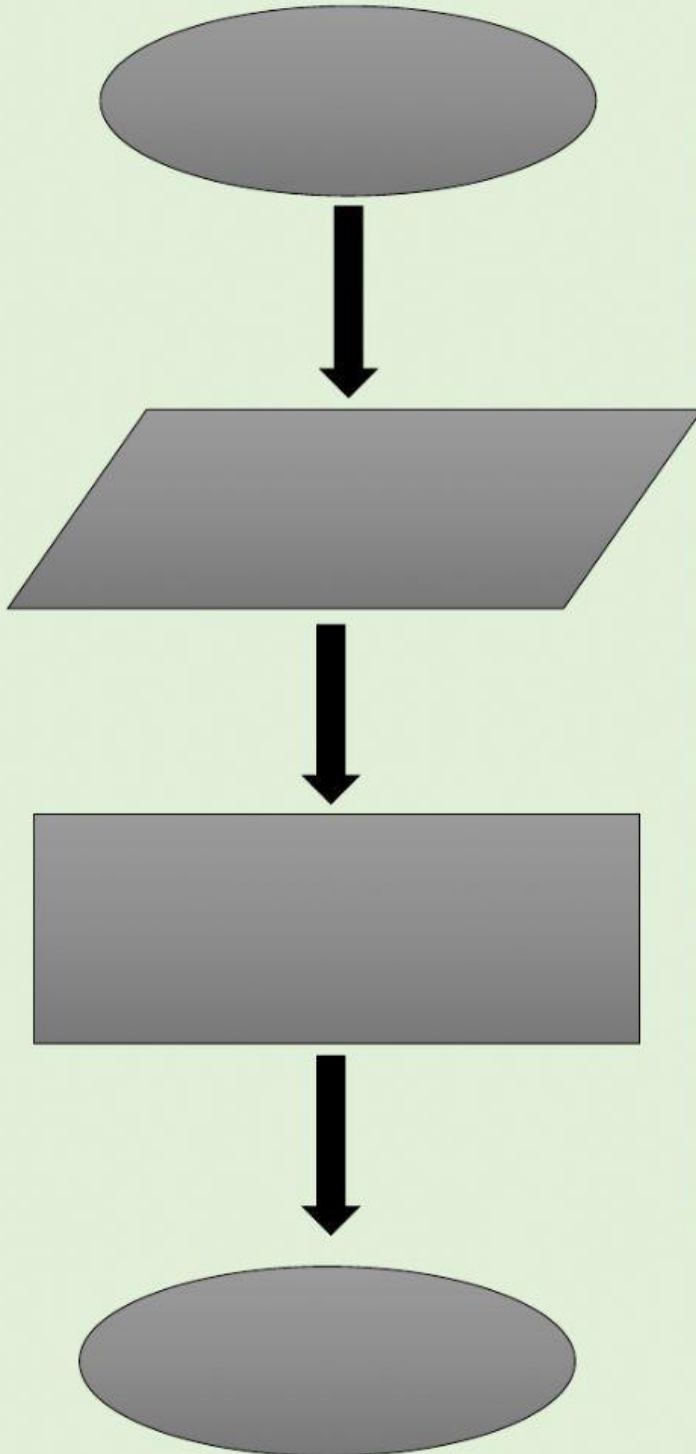


Input /Output



Start / End

Solve the below mention problems



Let's find the perimeter of a square pond

$$\text{Perimeter} = \text{Length} \times 4$$

END

Input a length of pond

Start

Going to the playground or the library according to the weather condition.

