**Algorithm (Method 1: Using Temporary Variable)**

* **Start**
* **Input two variables A and B**
* **Store A in TEMP**
* **Assign B to A**
* **Assign TEMP to B**
* **Print new values of A and B**
* **End**

**Algorithm (Method 2: Without Temporary Variable)**

* **Start**
* **Input two variables A and B**
* **A = A + B**
* **B = A - B**
* **A = A - B**
* **Print new values of A and B**
* **End**

**FLOWCHARTS**

1. **WITH TEMPORARY VARIABLE**

**END**

**Input A, B**

**PRINT A, B**

**TEMP = A**

**A = B**

**B = TEMP**

1. **WITHOUT TEMPORARY VARIABLE**

**END**

**PRINT A, B**

**A = A + B**

**B = A – B**

**A = A - B**

**Input A, B**