1) Requirement

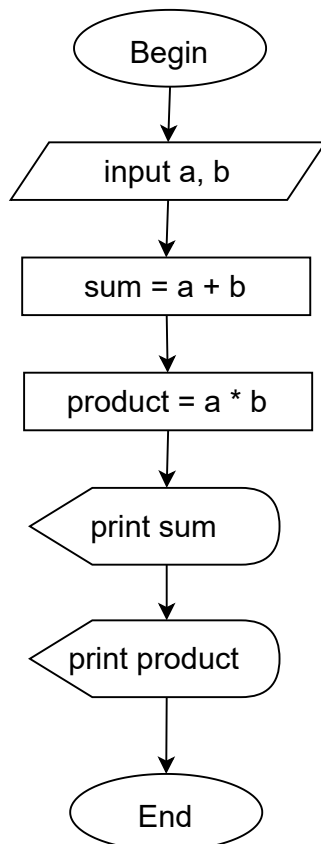- Write a program that accept any two numbers then print the sum and the product of the numbers.
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2) Algorithm

- **Step 1 :** Begin
- **Step 2 :** Input two numbers a and b
- **Step 3 :** Add the two numbers and store in sum
- **Step 4 :** Multiply the two numbers and store in product
- **Step 5 :** Print sum
- **Step 6 :** Print product
- **Step 7 :** End
-

3) Flowchart

```
        ( Begin )
            |
            v
      / input a, b /
            |
            v
      [ sum = a + b ]
            |
            v
    [ product = a * b ]
            |
            v
      < print sum >
            |
            v
    < print product >
            |
            v
        ( End )
```

4) Pseudocode

- **BEGIN**
- Variable : a, b, sum, product
- input a
- input b
- sum = a + b
- output sum ' is the sum of ' a 'and' b
- product = a*b
- output product ' is the product of ' a 'and' b
- **END**
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