1. Write an algorithm and draw a flowchart that will read the two sides of a rectangle and calculate its area and perimeter

```
                    ┌──────────────┐
                    │     Main     │
                    └──────┬───────┘
                           │
                    ┌──────┴───────┐
                    │ Integer a, b, c, p │
                    └──────┬───────┘
                           │
                 ╱ Output "Enter a sides1" ╱
                           │
                      ╱ Input b ╱
                           │
                 ╱ Output "Enter a sides2" ╱
                           │
                      ╱ Input c ╱
                           │
                    ┌──────────────┐
                    │ p = (b+c)*2  │
                    └──────┬───────┘
                           │
                    ┌──────────────┐
                    │   a = b*c    │
                    └──────┬───────┘
                           │
            ╱ Output "Perimeter of rectangle" & p ╱
                           │
            ╱ Output "Area of renctangle" & a ╱
                           │
                    ┌──────────────┐
                    │     End      │
                    └──────────────┘
```

Main

Integer a, b, c, p

Output "Enter a sides1"

Input b

Output "Enter a sides2"

Input c

p = (b+c)*2

a = b*c

Output "Perimeter of rectangle" & p

Output "Area of renctangle" & a

End