PROBLEM 3.5

Given the length and breadth of a rectangle, write a program to find whether the area of the rectangle greater than its perimeter. For example, the area of the rectangle with length = 5 and breadth = 4 is greater than its perimeter

ALGORITHM

1. Start
2. Declare float variables l,b,ar,per
3. Assign l*b to ar
4. Assign 2(l+b) to per
5. If ar > per, display "Area is greater than the perimeter of the rectangle"
6. Else, display "Area is lesser than the perimeter of the rectangle"
7. Stop

PSEUDOCODE

```
DECLARE FLOAT l,b,ar,per
INPUT l,b
ASSIGN l*b to ar
ASSIGN 2(l+b) to per
IF ar > per
    DISPLAY "Area is greater than the perimeter of the rectangle"
ELSE
    DISPLAY "Area is lesser than the perimeter of the rectangle"
ENDIF
```

FLOWCHART

```
flowchart TD
A([Start]) --> B[[Declare float variables l,b,ar,per]]
B --> C[/Input l,b/]
C --> D[Assign l*b to ar]
D --> E["Assign 2(l+b) to per"]
E --> F{if ar > per}
F --> |True| G[/DISPLAY "Area is greater than the perimeter of the rectangle"/]
F --> |False| H[/DISPLAY "Area is lesser than the perimeter of the rectangle"/]
G --> I([Stop])
H --> I
```