Pseudocode for greatest of three numbers

```
INPUT num1
INPUT num2
INPUT num3

IF num1>num2 AND num1>num3 THEN
    OUTPUT num1+ "is higher"
ELSE IF num2 > num3 THEN
    OUTPUT num2 + "is higher"
ELSE
BEGIN

NUMBER num1, num2, num3


    OUTPUT num3+ "is higher"
ENDIF

END
```

Flowchart for the above program

```
                    ┌─────────────────┐
                    │      Begin      │
                    └─────────────────┘
                             │
                             ▼
              ╱─────────────────────────────╲
             ╱       Num1,Num2,Num3           ╲
            ╱─────────────────────────────────╲
                             │
                             ▼
                        ◇─────────◇
                       ╱  num1>num2 ╲        Yes      ┌──────────────────────────────┐
                      ◇  num2>num3   ◇─────────────▶  │ The highest number is "num1" │
                       ╲            ╱                  └──────────────────────────────┘
                        ◇─────────◇
                             │
                            No
                             ▼
                        ◇─────────◇
                       ╱            ╲         Yes      ┌──────────────────────────────┐
                      ◇  num2>num3   ◇─────────────▶  │ The highest number is "num2" │
                       ╲            ╱                  └──────────────────────────────┘
                        ◇─────────◇
                             │
                            No
                             ▼
              ┌──────────────────────────────┐
              │ The highest number is "num3" │
              └──────────────────────────────┘
                             │
                             ▼
                            ( )
                             │
                             ▼
                    ┌─────────────────┐
                    │       END       │
                    └─────────────────┘
```

Begin

Num1,Num2,Num3

num1>num2
num2>num3

Yes

The highest number is "num1"

No

num2>num3

Yes

The highest number is "num2"

No

The highest number is "num3"

END