START

1. PROMPTS and GETS the day number, dayNumber
2. CHECK value of dayNumber
   1. IF dayNumber = 1 THEN
      1. DISPLAY “Monday”
   2. ELSE IF dayNumber = 2 THEN
      1. DISPLAY “Tuesday”
   3. ELSE IF dayNumber = 3 THEN
      1. DISPLAY “Wednesday”
   4. ELSE IF dayNumber = 4 THEN
      1. DISPLAY “Thursday”
   5. ELSE IF dayNumber = 5 THEN
      1. DISPLAY “Friday”
   6. ELSE IF dayNumber = 6 THEN
      1. DISPLAY “Saturday”
   7. ELSE IF dayNumber = 7 THEN
      1. DISPLAY “Sunday”
   8. ELSE
      1. DISPLAY “Invalid day number!”
   9. ENDIF

END

START

1. PROMPTS and GETS side a, a
2. PROMPTS and GETS side b, b
3. PROMPTS and GETS side c, c
4. CHECK value of b and c
5. IF b+c > a THEN
   1. INITIALIZE aTP = 1
6. ELSE
   1. INTIALIZE aTP = 0
7. ENDIF
8. CHECK value of a and c
9. IF a+c > b THEN
   1. INITIALIZE bTP = 1
10. ELSE
    1. INITIALIZE bTP = 0
11. ENDIF
12. CHECK value of a and b
13. IF a+b > c THEN
    1. INITIALIZE cTP = 1
14. ELSE
    1. INITIALIZE cTP = 0
15. ENDIF
16. CHECK value of aTP, bTP and cTP
17. IF aTP = 1 and bTP = 1 and cTP = 1 THEN
    1. CHECK value of a, b, and c
    2. IF a = b and b = c THEN
       1. DISPLAY “Equilateral”
    3. ELSE IF a = b or a = c or b = c THEN
       1. DISPLAY “Isoceles”
    4. ELSE
       1. DISPLAY “Scalene”
    5. ENDIF
18. ELSE
    1. DISPLAY “Not a triangle!”
19. ENDIF

END

START

1. PROMPTS and GETS side a, a

2. PROMPTS and GETS side b, b

3. PROMPTS and GETS side c, c

4. CHECK value of b and c

5. IF b+c > a THEN

5.1 INITIALIZE aTP = 1

6. ELSE

6.1 INITIALIZE aTP = 0

7. ENDIF

8. CHECK value of a and c

9. IF a+c > b THEN

9.1 INITIALIZE bTP = 1

10. ELSE

10.1 INITIALIZE bTP = 0

11. ENDIF

12. CHECK value of a and b

13. IF a+b > c THEN

13.1 INITIALIZE cTP = 1

14. ELSE

14.1 INITIALIZE cTP = 0

15. ENDIF

16. CHECK value of aTP, bTP and cTP

17. IF aTP = 1 and bTP = 1 and cTP = 1 THEN

17.1 CHECK value of a, b, and c

17.2 IF a = b and b = c THEN

17.2.1 DISPLAY "Equilateral"

17.3 ELSE IF a = b or a = c or b = c THEN

17.3.1 DISPLAY "Isoceles"

17.4 ELSE

17.4.1 DISPLAY "Scalene"

17.5 ENDIF

18. ELSE

18.1 DISPLAY "Not a triangle!"

19. ENDIF

END

A close up of a calculator

Description automatically generated with medium confidence