

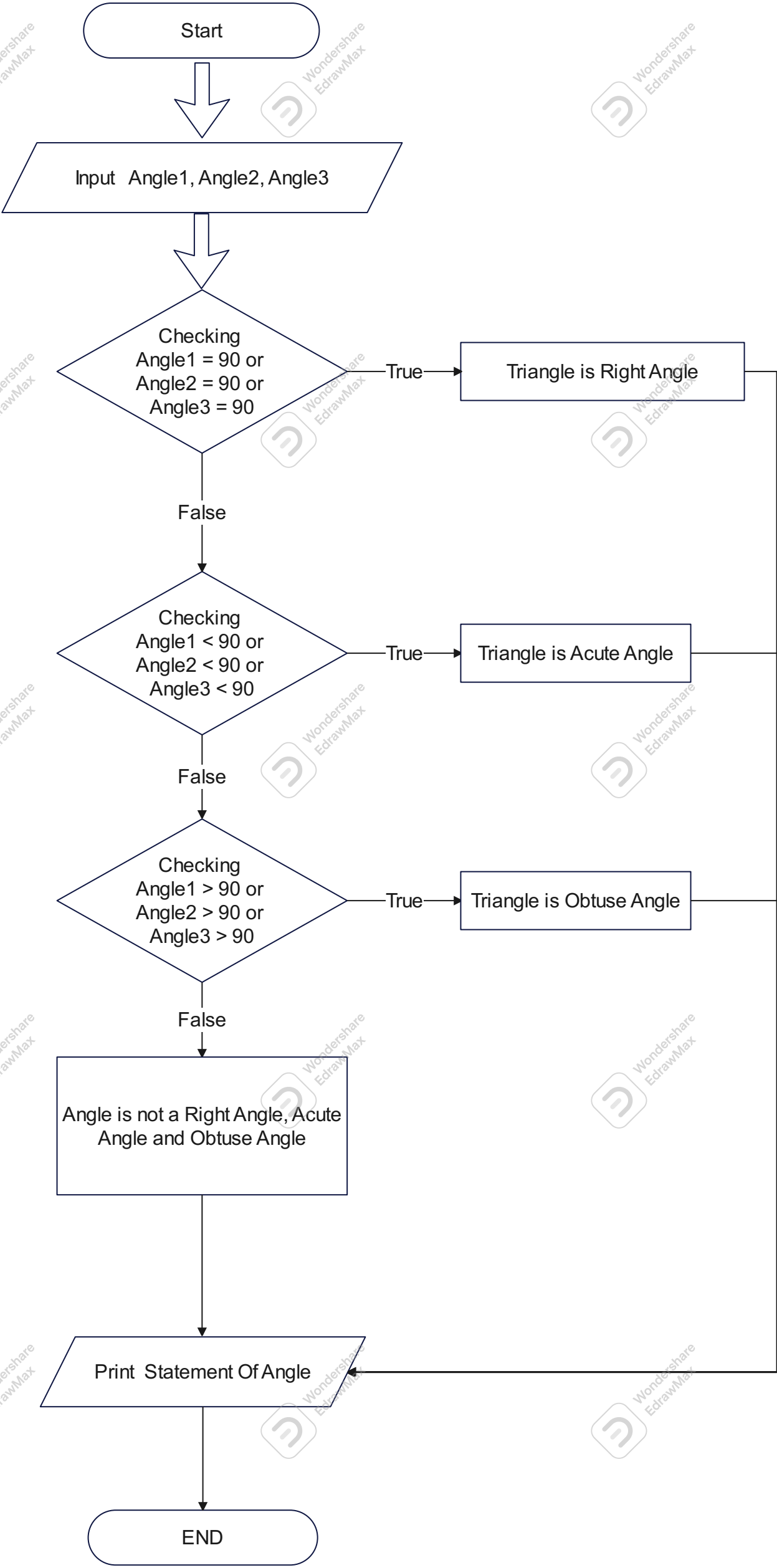
Practical-2: Statements
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3. For each of the following problem statement, create the IPO chart with algorithm and flow chart.

Flow Chart:

Problem Statement 1

Write a computer program that asks the user to enter three angles of a triangle. The program displays whether the triangle is right-angle, acute angle or obtuse-angle.



ALGORITHM

- Step 1: Start
- Step 2: Checking Angle1 = 90 or Angle2 = 90 or Angle3 = 90 If (True)
- Step 3: Triangle is Right Angle
- Step 4: Checking Angle1 < 90 or Angle2 < 90 or Angle3 < 90 if(True)
- Step 5: Triagle is Acute Angle
- Step 6: Checking Angle1 > 90 or Angle2 > 90 or Angle3 > 90 if(True)
- Step 7: Triangle is Obtuse Angle
- Step 8: Else (Angle is not a Right Angle, Acute Angle and Obtuse Angle)
- Step 9: Print Statement Of Angle
- Step 10: END

INPUT	PROCESSING	OUTPUT
Angle1 Angle2 Angle3	ALGORITHM: Step 1: Start Step 2: Checking Angle1 = 90 or Angle2 = 90 or Angle3 = 90 If (True) Step 3: Triangle is Right Angle Step 4: Checking Angle1 < 90 or Angle2 < 90 or Angle3 < 90 if(True) Step 5: Triagle is Acute Angle Step 6: Checking Angle1 > 90 or Angle2 > 90 or Angle3 > 90 if(True) Step 7: Triangle is Obtuse Angle Step 8: Else (Angle is not a Right Angle, Acute Angle and Obtuse Angle) Step 9: Print Statement Of Angle Step 10: END	Print Triangle is Right Angle , Acute Angle OR Obtuse Angle