WEEK - 11

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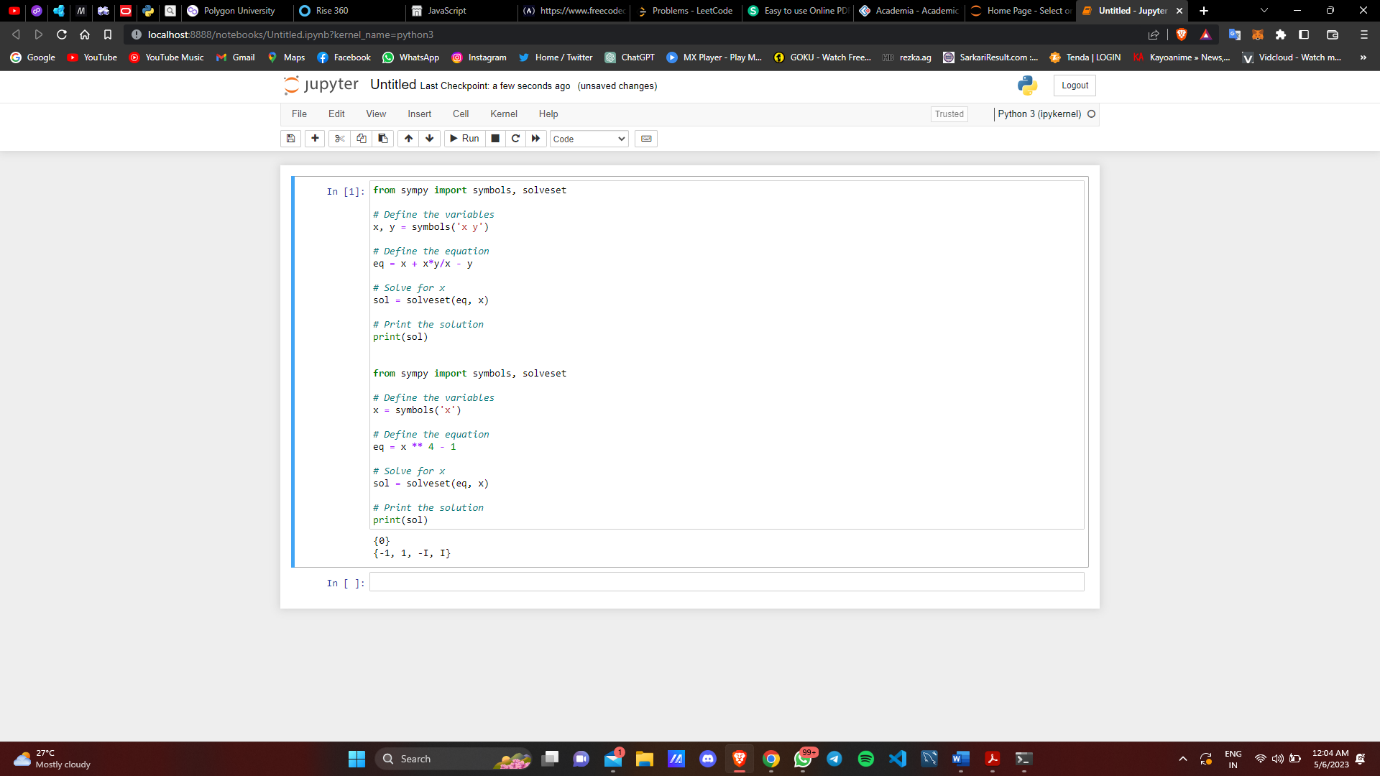
**Reg. No. – RA2111003011817**

**Section – M2**

1. **Solve the following equa�ons: (X+X\*Y/X) and solveset (x \*\* 4 - 1, x).**

**Code:**

from sympy import symbols, solveset  
  
# Define the variables  
x, y = symbols('x y')  
  
# Define the equation  
eq = x + x\*y/x - y  
  
# Solve for x  
sol = solveset(eq, x)  
  
# Print the solution  
print(sol)  
  
  
from sympy import symbols, solveset  
  
# Define the variables  
x = symbols('x')  
  
# Define the equation  
eq = x \*\* 4 - 1  
  
# Solve for x  
sol = solveset(eq, x)  
  
# Print the solution  
print(sol)

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