Engineering Assignment with Small Tables

1. Analyze the table and calculate the missing Voltage for ID 3 using Ohm's law: Power (W) = Voltage (V) × Current (A).

ID	Voltage (V)	Current (A)
1	220	2.0
2	110	1.5
3	?	2.0

2. Based on the given truth table, add the derived columns for NOT C, B OR NOT C, and A AND (B OR NOT C).

A	B	C
0	0	0
0	1	1
1	1	0

3. Compare the current values in Table 1 and identify which setup uses the least current for the given voltage.

4. Discuss a practical application of the logical truth table from Table 2 in automation or circuit design.