Programming Concepts Final Project: Variants

Variants:

ID	Description
1	**Gross Profit Margin**: $Gross\ Profit\ Margin\ =\ (\frac{Gross\ Profit}{Total\ Revenue})\ *\ 100$ Measures the percentage of total revenue that exceeds the cost of goods sold.
2	**Operating Margin**: $Operating\ Margin\ =\ (\frac{Operating\ Income}{Total\ Revenue})\ *\ 100$ Indicates the percentage of revenue left after paying for variable costs of production.
3	**Net Profit Margin**: $Net\ Profit\ Margin\ =\ (\frac{Net\ Income}{Total\ Revenue})\ *\ 100$ Represents the percentage of revenue that remains as profit after all expenses are deducted.
4	**EBITDA Margin**: $EBITDA\ Margin\ =\ (\frac{EBITDA}{Total\ Revenue})\ *\ 100$ Shows the company's operating profitability as a percentage of its total revenue, excluding non-operating expenses.

5	**Earnings Per Share (EPS) Growth**:
	$EPS\ Growth\ = (\frac{Current\ Year\ EPS - Previous\ Year\ EPS}{Previous\ Year\ EPS})\ *\ 100$
	Reflects the annual percentage increase or decrease in earnings per share.