

by Kunal Sir

## SWITCH STATEMENT

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### Q1 — Day Name Based on Number (1–7)

Problem:

A school calendar app needs to display the day of the week based on a number (1–7). Use a **switch statement** to print the day name.

Input:

3

Output:

Wednesday

### Q2 — Choose Meal From Menu

Problem:

Create a food-order system.

Based on user choice, print the selected food item.

Menu

- 1 → Pizza
- 2 → Burger
- 3 → Sandwich
- 4 → Coffee

Input:

2

Output:

Burger Selected

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## **Q3 — Check Vowel or Consonant**

Problem:

A typing tutor needs to verify whether a given character is a vowel or consonant.  
Use **switch on char** and group the vowel cases.

Input:

e

Output:

Vowel

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## **Q4 — Simple Calculator Using Switch**

Problem:

Create a mini calculator using switch-case.

Given two numbers and an operator (+, -, \*, /), print the result.

Input:

10

5

\*

Output:

50

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## **Q5 — Month Name + Number of Days**

Problem:

A calendar service wants to return month name and number of days using switch.

Input:

2

Output:

February has 28 or 29 days.

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## **Q6 — Grade Meaning (A/B/C/D/F)**

Problem:

Based on grade (A–F), print the meaning.

A → Excellent

B → Good

C → Average

D → Poor

F → Fail

Input:

C

Output:

Average

## **Q7 — Traffic Light Message**

Problem:

A traffic simulator program receives signal color (RED, GREEN, YELLOW).

Use **switch on string** to print the driving instruction.

Input:

RED

Output:

STOP

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## **Q8 — Electricity Bill Category Charges**

Problem:

Electricity board charges based on category:

- **D** → Domestic → ₹5 per unit
- **C** → Commercial → ₹8 per unit
- **I** → Industrial → ₹10 per unit

Given category & units, print total bill using switch.

Input:

D  
100

Output:

Total Bill = ₹500

