Tasks-Conditional statements

Task 1: Number Checker

Write a program that asks the user for a number and tells them if it's:

- Positive
- Negative
- Zero

Example Output:

```
Enter a number: -5
The number is negative
```

Task 2: Movie Ticket Price

Calculate movie ticket price based on age:

- Children (under 12): $5
- Adults (12-64): $10
- Seniors (65+): $7

Ask user for their age and display the ticket price.

Example Output:

```
Enter your age: 8
Your ticket costs: $5
```

Task 3: Simple Calculator

Ask user for two numbers and an operation (+, -, *, /)
Perform the calculation and show the result.

Example Output:

```
Enter first number: 10
Enter second number: 5
Enter operation (+, -, *, /): *
Result: 10 * 5 = 50
```

Task 4: Password Validator

Check if a password is strong:

- At least 8 characters long

- Contains at least one number

Tell the user if their password is "Strong" or "Weak"

Example Output:

Enter password: hello
Weak password! Must be 8+ characters and contain a number

Task 5: Grade Letter Converter

Convert numerical score to letter grade:

- 90-100: A

- 80-89: B

- 70-79: C

- 60-69: D

- Below 60: F

Example Output:

Enter your score: 85
Your grade is: B