Instructions:
1. Create a folder with your full name on the desktop.
2. Create 5 Text Documents inside the folder and name them Q1, Q2 ... Q5.
3. Save your codes inside the Text Documents.

Q1. Write a C++ program that takes a number (1–7) from the user and displays the corresponding day of the week using a switch statement.

Enter a number: **2**   Monday

Enter a number: **9**   Invalid Day

Q2. Write a C++ program that takes a character grade (A, B, C, D, F) and displays the corresponding description using a switch statement.
A -> Excellent, B -> Very Good, C -> Good, D -> Pass, F -> Fail

Enter a character grade: **B**   Very Good

Enter a character grade: **K**   Invalid grade

Q3. Write a C++ program that asks the user to enter two numbers and an operator (+, -, *, /). Use a switch statement to perform the operation.

Enter first number: **5**   Enter second number: **3**   Enter operation: +   5 + 3 = 8

Enter first number: **9**   Enter second number: **0**   Enter operation: /   Cannot divide by zero

Q4. Write a C++ program that generates and displays a random number between 1 and 10. The user guesses the number. If the guess is correct, display "You won". Otherwise, display "You lost".

The random number is 3   Guess the random number: **3**   You won

The random number is 8   Guess the random number: **5**   You lost

Q5. Write a C++ program that generates a random number between 10 and 30.
The user enters a number.
If the user number is higher, display "Your number is higher".
If lower, display "Your number is lower".
If equal, display "Correct guess".

| The random number is 12 |
| Enter a number: **17** |
| |
| Your number is higher |

| The random number is 27 |
| Enter a number: **25** |
| |
| Your number is lower |