Conditions and Loops

Assignment Questions

Q1. What are conditional statements? Explain conditional statements with syntax and examples.

Q2. Write a program that grades students based on their marks.
- If greater than 90 then A Grade
- If between 70 and 90 then a B grade
- If between 50 and 70 then a C grade
- Below 50 then an F grade

Q3. What are loops, and what do we need them? Explain different types of loops with their syntax and examples.

Q4. Generate numbers between any 2 given numbers.
Ex:
- const num1 = 10;
- const num2 = 25;
Output: 11, 12, 13, ..., 25

Q5. Use the while loop to print numbers from 1 to 25 in ascending and descending order.