**Day5 : Task 3**

**Write a C# application that uses nested if-else statements to classify a number as positive, negative, or zero, and then iterates from that number to zero using a for loop, printing each number to the console.**

**C# Code:**

using System;

namespace Task\_3

{

class Program3

{

static void Main(string[] args)

{

Console.Write("Enter a number: ");

int number = int.Parse(Console.ReadLine());

if (number > 0)

{

Console.WriteLine("The number is positive.");

}

else if (number < 0)

{

Console.WriteLine("The number is negative.");

}

else

{

Console.WriteLine("The number is zero.");

}

Console.WriteLine("Iterating from the number to zero:");

if (number > 0)

{

for (int i = number; i >= 0; i--)

{

Console.WriteLine(i);

}

}

else if (number < 0)

{

for (int i = number; i <= 0; i++)

{

Console.WriteLine(i);

}

}

else

{

Console.WriteLine("No iteration needed, the number is zero.");

}

}

}

}