using System;

public class forecast

{

    public static double futureValue(double presentValue, double rate, int years)

    {

        if (years == 0)

        {

            return presentValue;

        }

        return (1 + rate) \* futureValue(presentValue, rate, years - 1);

    }

    public static void Main(string[] args)

    {

        double present = 10000;

        double growthRate = 0.10;

        int years = 5;

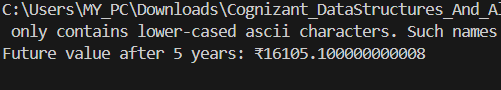
        double future = futureValue(present, growthRate, years);

        Console.WriteLine("Future value after " + years + " years: ₹" + future);

    }

}

**OUPUT:-**

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