

Exercise 1 – Attendance & Percentage

```
using System;

class Program
{
    static void Main(string[] args)
    {
        int totalClasses, attendedClasses;

        totalClasses = int.Parse(Console.ReadLine());
        attendedClasses = int.Parse(Console.ReadLine());

        double attendancePercent = (attendedClasses * 100.0) / totalClasses;
        int truncatedValue = (int)attendancePercent;
        int roundedValue = (int)Math.Round(attendancePercent);

        Console.WriteLine(truncatedValue);
        Console.WriteLine(roundedValue);
    }
}
```

Exercise 2 – Exam Average

```
using System;

class Program
{
    static void Main(string[] args)
    {
        int subjectOne, subjectTwo, subjectThree;

        subjectOne = int.Parse(Console.ReadLine());
        subjectTwo = int.Parse(Console.ReadLine());
        subjectThree = int.Parse(Console.ReadLine());
    }
}
```

```
double averageMarks = (subjectOne + subjectTwo + subjectThree) / 3.0;
double roundedAverage = Math.Round(averageMarks, 2);
int finalScore = (int)roundedAverage;

Console.WriteLine(roundedAverage);
Console.WriteLine(finalScore);
}
}
```

Exercise 3 – Library Fine

```
using System;
class Program
{
    static void Main(string[] args)
    {
        decimal finePerDay;
        int overdueDays;

        finePerDay = decimal.Parse(Console.ReadLine());
        overdueDays = int.Parse(Console.ReadLine());

        decimal totalFine = finePerDay * overdueDays;
        double loggedFine = (double)totalFine;

        Console.WriteLine(totalFine);
        Console.WriteLine(loggedFine);
    }
}
```

Exercise 4 – Banking Interest

```
using System;

class Program
{
    static void Main(string[] args)
    {
        decimal accountBalance;
        float interestRate;

        accountBalance = decimal.Parse(Console.ReadLine());
        interestRate = float.Parse(Console.ReadLine());

        decimal monthlyInterest = accountBalance * ((decimal)interestRate / 100);
        accountBalance = accountBalance + monthlyInterest;

        Console.WriteLine(accountBalance);
    }
}
```

Exercise 5 – E-Commerce Pricing

```
using System;

class Program
{
    static void Main(string[] args)
    {
        double cartTotal;
        decimal taxRate, discountRate;

        cartTotal = double.Parse(Console.ReadLine());
        taxRate = decimal.Parse(Console.ReadLine());
        discountRate = decimal.Parse(Console.ReadLine());
    }
}
```

```

decimal finalAmount =
    (decimal)cartTotal +
    ((decimal)cartTotal * taxRate) -
    ((decimal)cartTotal * discountRate);

    Console.WriteLine(finalAmount);
}
}

```

Exercise 6 – Temperature Conversion

```

using System;

class Program
{
    static void Main(string[] args)
    {
        short sensorValue;

        sensorValue = short.Parse(Console.ReadLine());

        double celsiusValue = sensorValue / 10.0;
        int displayValue = (int)Math.Round(celsiusValue);

        Console.WriteLine(displayValue);
    }
}

```

Exercise 7 – Grading System

```

using System;

class Program
{
    static void Main(string[] args)

```

```

{
    double finalMarks;
    byte gradeCode;

    finalMarks = double.Parse(Console.ReadLine());

    if (finalMarks >= 80)
        gradeCode = 1;
    else if (finalMarks >= 60)
        gradeCode = 2;
    else
        gradeCode = 3;

    Console.WriteLine(gradeCode);
}
}

```

Exercise 8 – Data Usage Tracker

```

using System;

class Program
{
    static void Main(string[] args)
    {
        long usedBytes;
        usedBytes = long.Parse(Console.ReadLine());

        double megaBytes = usedBytes / (1024.0 * 1024);
        int roundedUsage = (int)Math.Round(megaBytes);

        Console.WriteLine(roundedUsage);
    }
}

```

```
}
```

Exercise 9 – Warehouse Capacity

```
using System;

class Program
{
    static void Main(string[] args)
    {
        int currentItems;
        ushort maxCapacity;

        currentItems = int.Parse(Console.ReadLine());
        maxCapacity = ushort.Parse(Console.ReadLine());

        if (currentItems <= maxCapacity)
            Console.WriteLine("OK");
        else
            Console.WriteLine("FULL");
    }
}
```

Exercise 10 – Payroll Calculation

```
using System;

class Program
{
    static void Main(string[] args)
    {
        int basicSalary;
        double allowanceAmount, deductionAmount;

        basicSalary = int.Parse(Console.ReadLine());
```

```
allowanceAmount = double.Parse(Console.ReadLine());
```

```
deductionAmount = double.Parse(Console.ReadLine());
```

```
decimal netSalary =
```

```
    basicSalary +
```

```
    (decimal)allowanceAmount -
```

```
    (decimal)deductionAmount;
```

```
Console.WriteLine(netSalary);
```

```
}
```

```
}
```