

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);  
}  
}
```