# C# Lab 01.

**1).**

using System;

namespace NameAndBatchConsoleApp

{

class Program

{

static void Main(string[] args)

{

Console.WriteLine("Please enter your name:");

string name = Console.ReadLine();

Console.WriteLine("Please enter your batch:");

string batch = Console.ReadLine();

Console.WriteLine("Name: " + name);

Console.WriteLine("Batch: " + batch);

}

}

}

**2).**

using System;

namespace CircleAreaConsoleApp

{

class Program

{

static void Main(string[] args)

{

Console.WriteLine("Please enter the radius of the circle:");

double radius = Convert.ToDouble(Console.ReadLine());

double area = Math.PI \* radius \* radius;

Console.WriteLine("The area of the circle is: " + area);

}

}

}

**3).**

using System;

namespace SummationConsoleApp

{

class Program

{

static void Main(string[] args)

{

Console.WriteLine("Please enter the first number:");

int num1 = Convert.ToInt32(Console.ReadLine());

Console.WriteLine("Please enter the second number:");

int num2 = Convert.ToInt32(Console.ReadLine());

int sum = num1 + num2;

Console.WriteLine("Summation: " + sum);

}

}

}

**4).**

using System;

namespace SalaryAfterTaxConsoleApp

{

class Program

{

static void Main(string[] args)

{

Console.WriteLine("Please enter the employee's salary:");

double salary = Convert.ToDouble(Console.ReadLine());

Console.WriteLine("Please enter the tax rate (in decimal form, e.g., 0.2 for 20%):");

double taxRate = Convert.ToDouble(Console.ReadLine());

double taxAmount = salary \* taxRate;

double salaryAfterTax = salary - taxAmount;

Console.WriteLine("Salary after tax: " + salaryAfterTax);

}

}

}