|  |
| --- |
| using System; |
|  |

|  |
| --- |
| namespace ConsoleApplication3 |
|  |

|  |
| --- |
| { |
|  |

|  |
| --- |
| class Program |
|  |

|  |
| --- |
| { |
|  |

|  |
| --- |
| static void Main(string[] args) |
|  |

|  |
| --- |
| { |
|  |

|  |
| --- |
|  |
|  |

|  |
| --- |
|  |
|  |

|  |
| --- |
| string course\_code; |
|  |

|  |
| --- |
| double CA\_obtainedMarks, CA\_obtainedActualMarks, MTT\_obtainedMarks,ETE\_obtainedMarks; |
|  |

|  |
| --- |
| double CA\_TotalMarks=100, MTT\_TotalMarks=40, ETE\_TotalMarks=70; |
|  |

|  |
| --- |
| double CA\_Wtg = 25; |
|  |

|  |
| --- |
| double MTT\_Wtg = 20; |
|  |

|  |
| --- |
| double ETE\_Wtg = 50; |
|  |

|  |
| --- |
| double Att = 0; |
|  |

|  |
| --- |
|  |
|  |

|  |
| --- |
| Console.WriteLine("Enter course code"); |
|  |

|  |
| --- |
| course\_code = Console.ReadLine(); |
|  |

|  |
| --- |
| Console.WriteLine("Enter CA Marks"); |
|  |

|  |
| --- |
| CA\_obtainedMarks = double.Parse(Console.ReadLine()); |
|  |

|  |
| --- |
| Console.WriteLine("Enter MTT Marks"); |
|  |

|  |
| --- |
| MTT\_obtainedMarks = double.Parse(Console.ReadLine()); |
|  |

|  |
| --- |
| Console.WriteLine("Enter ETE Marks"); |
|  |

|  |
| --- |
| ETE\_obtainedMarks = double.Parse(Console.ReadLine()); |
|  |

|  |
| --- |
| Console.WriteLine("Enter Attendance Marks"); |
|  |

|  |
| --- |
| Att = double.Parse(Console.ReadLine()); |
|  |

|  |
| --- |
| //CA\_obtainedActualMarks = (CA\_obtainedMarks \* 100) / 60; |
|  |

|  |
| --- |
| double total = (CA\_obtainedMarks \* CA\_Wtg) / CA\_TotalMarks + |
|  |

|  |
| --- |
| (MTT\_obtainedMarks \* MTT\_Wtg) / MTT\_TotalMarks + |
|  |

|  |
| --- |
| (ETE\_obtainedMarks \* ETE\_Wtg) / ETE\_TotalMarks + Att; |
|  |

|  |
| --- |
| Console.WriteLine("Total Percentage:" + total); |
|  |

|  |
| --- |
| Console.WriteLine("CGPA:" + total/10); |
|  |

|  |
| --- |
| Console.ReadKey(); |
|  |

|  |
| --- |
|  |
|  |

|  |
| --- |
| } |
|  |

|  |
| --- |
| } |
|  |

}

using System;

delegate int Calculator(int n);//declaring delegate

public class DelegateExample

{

    static int number = 100;

    public static int add(int n)

    {

        number = number + n;

        return number;

    }

    public static int mul(int n)

    {

        number = number \* n;

        return number;

    }

    public static int getNumber()

    {

        return number;

    }

    public static void Main(string[] args)

    {

        Calculator c1 = new Calculator(add);//instantiating delegate

        Calculator c2 = new Calculator(mul);

        c1(20);//calling method using delegate

        Console.WriteLine("After c1 delegate, Number is: " + getNumber());

        c2(3);

        Console.WriteLine("After c2 delegate, Number is: " + getNumber());

    }

}