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//Laboratory Activity3
//Survey Analyzer

using System;
using System.Linq;
using System.Collections.Generic;

namespace HelloWold;

public static class Activity3
{
    public static void Main(String[] args)
    {
        int[] ages = new int[20];
        int total = 0;
        int max = int.MinValue;
        int min = int.MaxValue;

        int under18 = 0;
        int between18_35 = 0;
        int between36_60 = 0;
        int over60 = 0;

        for (int i = 0; i < 20; i++)
        {
            Console.Write("Enter age: ");
            int age = int.Parse(Console.ReadLine());
            ages[i] = age;

            total += age;

            if (age > max)
                max = age;

            if (age < min)
                min = age;

            if (age < 18)
                under18++;

            else if (age <= 35)
                between18_35++;

            else if (age <= 60)
                between36_60++;
        }
    }
}

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        else
            over60++;
    }
    double average = (double)total / 20;

    Console.WriteLine("\nSurvey result");
    Console.WriteLine("_____");
    Console.WriteLine($"Average Age : {average:F2}");
    Console.WriteLine($"Youngest   : {min}");
    Console.WriteLine($"Oldest     : {max}");
    Console.WriteLine();
    Console.WriteLine("Age Bracket      | Count");
    Console.WriteLine("_____");
    Console.WriteLine($"Age under 18      | {under18}");
    Console.WriteLine($"Age between 18 - 35 | {between18_35}");
    Console.WriteLine($"Age between 36 - 60 | {between36_60}");
    Console.WriteLine($"Age over 60       | {over60}");
}
}

```