

פתרון שאלה 1

w	pop	n	k	s	s<w	פלט
1	0	4	1	5	false	1,1
2	-1		2	1	true	2,2
6	0		3	6	false	3,6
24	-1		4	22	true	4,24
	0					

פתרון שאלה 2

```
bool flag = true;
for (int i = 1; i < arr.Length - 1; i += 2)
    if (arr[i] != '*')
        flag = false;
if (flag)
    Console.WriteLine("yes");
else Console.WriteLine("no");
```

פתרון שאלה 3

```
Random rnd = new Random();
int sum = 0, count=0, x;
while (sum <= 69)
{
    x=rnd.Next(0,11);
    count++;
    sum = sum + x;
}
Console.WriteLine(count);
```

פתרון שאלה 4

.א

a	b	mul	sod	y	x	tot	x>9	פלט
2	5	7	0	14	35		true	I am here
			5	17		175		tot=175

Mul=10, b=3, a=2 .ב

Mul=4, b=2, a=1 .ג

פתרון שאלה 5

//פעולה מקבלת 2 מספרים ומחזירה אמת אם סכום 2 המספרים גדולים ממכפלתם//

```
public static bool SumBig(int x, int y)
{
    if (x + y > x * y)
        return true;
    else return false;
}
```

פתרון שאלה 6

א.

mone1	mone2	x	y	arr[x]	arr[x+y]	arr[x+y*2]	תנאי *	תנאי **
0	0	0	3	24	24		false	
		1		8	8		false	
		2		1	1		false	
	1	0		24	24	7		true
		1		8	8	8		false
		2		1	1	1		false

הפעולה תחזיר 1

ב.

1	5	8	1	5	8	1	5	8
---	---	---	---	---	---	---	---	---

ג.

1	5	8	1	1	1	1	5	8
---	---	---	---	---	---	---	---	---

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;

namespace Ex7
{
    class Program
    {
        static void Main(string[] args)
        {
            int limit = int.Parse(Console.ReadLine());
            int x, y, m;
            for (int i = 1; i <= 30; i++)
            {
                x= int.Parse(Console.ReadLine());
                y= int.Parse(Console.ReadLine());

                m = Math.Max(x, y);

                Console.WriteLine("{0}", "{1}", i, m);

                if (Math.Max(x, y) > limit)
                    Console.WriteLine("מדידה גדולה מזהום");
            }
        }
    }
}
```

פתרון שאלה 8

```
using System;
namespace Ex8
{
    class Program
    {
        public static int MaxSpeed(int age, int years, int maxspeed)
        {
            if (age < 24 && years < 2)
                return maxspeed - 10;
            else
                return maxspeed;
        }

        static void Main(string[] args)
        {
            int age, years, maxspeed, currentSpeed, max;
            int count=0;
            for (int i = 1; i <= 500; i++)
            {
                age = int.Parse(Console.ReadLine());
                years = int.Parse(Console.ReadLine());
                maxspeed = int.Parse(Console.ReadLine());
                currentSpeed = int.Parse(Console.ReadLine());

                max = MaxSpeed(age, years, maxspeed);
                Console.WriteLine("The MaxSpeed Is :{0}", max);
                if (currentSpeed <= max)
                    count++;
            }
            Console.WriteLine(count);
        }
    }
}
```

פתרון שאלה 9

```
using System;
namespace Ex9
{
    class Program
    {
        public static double GetAverage()
        {
            int x, count=0, sum=0;
            double avg;
            x = int.Parse(Console.ReadLine());
            while (x != -1)
            {
                count++;
                sum = sum + x;
                x = int.Parse(Console.ReadLine());
            }
            if (count < 100)
                avg=0;
            else
                avg = (double) sum / count;
            return avg;
        }

        public static bool GoodDay(double[] a)
        {
            for (int i = 0; i < a.Length - 1; i++)
                if (a[i] > 8 && a[i + 1] > 8)
                    return true;
            return false;
        }

        static void Main(string[] args)
        {
            double[] arr = new double[12];
            for (int i = 0; i < arr.Length; i++)
                arr[i] = GetAverage();
            if (GoodDay(arr) == true)
                Console.WriteLine("Good Day");
            else Console.WriteLine("Not Have Good Day");
        }
    }
}
```

פתרון שאלה 10

```
using System;
namespace Ex10
{
    class Program
    {
        public static bool SumEqual(int[,] a, int x, int y)
        {
            int sum1 = 0, sum2 = 0;
            for (int i = 0; i <=x - 1; i++)
                for (int j = 0; j <=y - 1; j++)
                    sum1 = sum1 + a[i, j];

            for (int i = x + 1; i < a.GetLength(0); i++)
                for (int j = y + 1; j < a.GetLength(1); j++)
                    sum2 = sum2 + a[i, j];

            return (sum1 == sum2);
        }

        static void Main(string[] args)
        {
            int[,] a = new int[37, 28];
            for (int i = 1; i < a.GetLength(0) - 1; i++)
                for (int j = 1; j < a.GetLength(1) - 1; j++)
                    if (SumEqual(a, i, j) == true)
                        Console.WriteLine("{0},{1}", i, j);
        }
    }
}
```