תרגיל 1

```csharp
public static void RecDraw (int x, int y, int height, int
width, ConsoleColor color)
{

    Console.ForegroundColor = color; //change font color

    char ch = '█';

    Console.SetCursorPosition(x, y); // adjust cursor position

    // print width rectangles height times
    for (int h = 1; h <= height; h++)
    {
        for (int w = 1; w <= width; w++)
        {
            Console.Write(ch);
        }
        y++; // lower cursor by 1 line
        Console.SetCursorPosition(x, y);
    }
}
static void Main(string[] args)
{
    int x = 1;
    int y = 1;
    int height = 20;
    int width = 20;
    ConsoleColor color = ConsoleColor.Red;

    RecDraw(x, y, height, width, color);
}
```

תרגיל 2

```csharp
public static void RecDel(int x, int y, int height, int width)
{
    Console.ForegroundColor = ConsoleColor.Black; //change font
color to black

    char ch = '█';

    Console.SetCursorPosition(x, y); //adjust cursor position

    for (int h = 1; h <= height; h++)
    {
        for (int w = 1; w <= width; w++)
        {
            Console.Write(ch);
        }
        y++; // lower cursor by 1 line
        Console.SetCursorPosition(x, y);
    }
}

static void Main(string[] args)
{
    int x = 1;
    int y = 1;
    int height = 20;
    int width = 20;
    ConsoleColor color = ConsoleColor.Red;

    RecDraw(x, y, height, width, color);

    Console.ReadKey();

    RecDel(x, y, height, width);
}
```

תרגיל 3

```csharp
public static void RecMov (int x, int y, int height, int width,
ConsoleColor color)
{
    bool reached_border = false;

    while (reached_border == false)
    {
        RecDraw(x, y, height, width, color);

        Thread.Sleep(1000);

        RecDel(x, y, height, width);

        if (x + width + 1 > 79)
        {
            reached_border = true;
        }

        else
        {
            x += 1;
            RecDraw(x, y, height, width, color);
        }
    }
}

static void Main(string[] args)
{

    int x = 1;
    int y = 1;
    int height = 20;
    int width = 20;
    ConsoleColor color = ConsoleColor.Red;

    RecMov(x, y, height, width, color);
}
```

תרגיל 4

```csharp
public static void RecArrowMov(int x, int y, int height, int
width, ConsoleColor color)
{
    bool end = false;

    while (!end)
    {
        if (Console.KeyAvailable)
        {
            RecDel(x, y, height, width);

            ConsoleKeyInfo k = Console.ReadKey();

            if (k.Key == ConsoleKey.UpArrow)
                y--;
            else if (k.Key == ConsoleKey.DownArrow)
                y++;
            else if (k.Key == ConsoleKey.LeftArrow)
                x--;
            else if (k.Key == ConsoleKey.RightArrow)
                x++;
            else if (k.Key == ConsoleKey.Escape)
                end = true;
            RecDraw(x, y, height, width, color);
        }
        Thread.Sleep(50);
    }
}
```