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# Short content

## □ School projects C#

- Spiral Matrix
- Double Linked List
- Suffix Trie
- Bubble Sort
- Selection Sort
- Binary Search
- Dijkstra Algorithm
- Factorial

## □ Console games C#

- Snake
- Cars 2D
- Just Cars
- Falling Rocks
- Toto Check
- Screen Saver
- Ping Pong

## □ Test website

## □ Own projects C#

- Windows Form applications
  - Currency Converter
  - Duplicate Finder
  - File Browser
  - Search Files
  - Multi Panel Form
  - Shut Down The PC
  - Timer
- WPF applications / iOS app Swift
  - 2D Graphics Car game
  - Shortcuts Browser
  - Learn Language
  - Salary App

## □ Projects from a previous job position - (draftsman)

- 3D visualization
- Structures
- Architectures and technological equipment
- El. installations

## □ C# Console applications - games

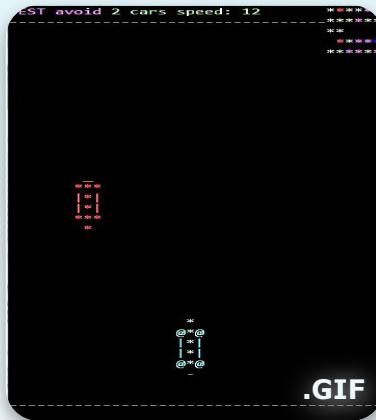
## Snake

[GitHub link to code](#)



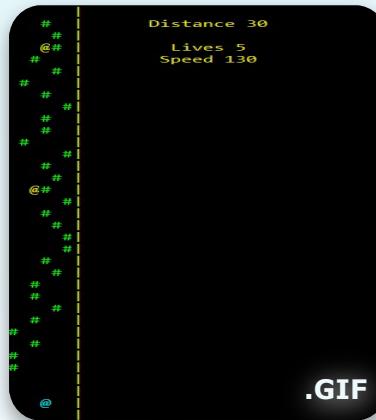
Cars 2D

## GitHub link to code



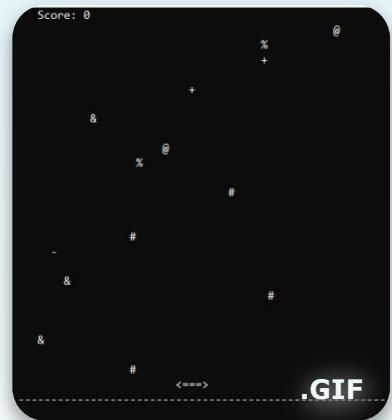
Just Cars

[GitHub link to code](#)



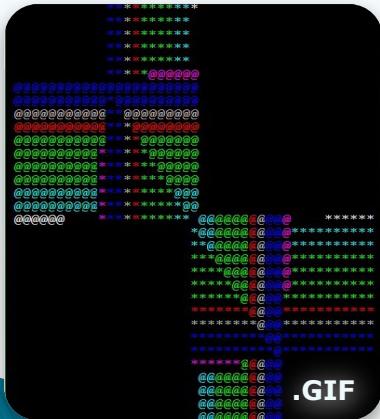
## Falling Rocks

[GitHub link to code](#)



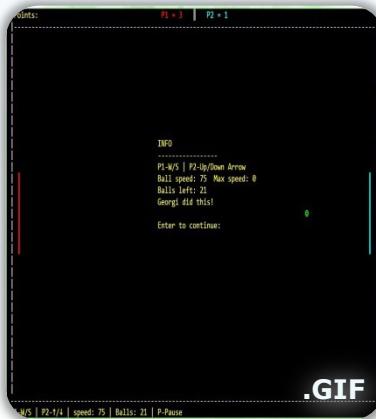
## Screen Saver

[GitHub link to code](#)



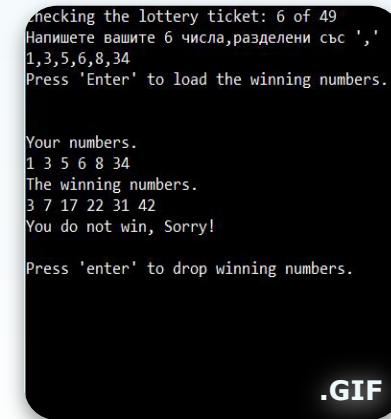
Ping Pong

[GitHub link to code](#)



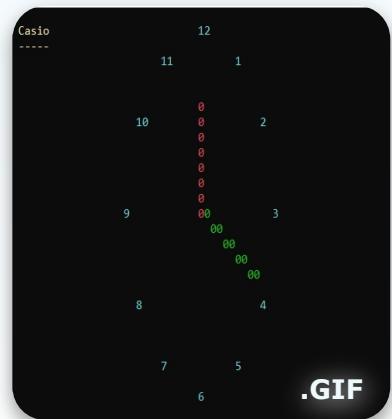
# Lottery Checker

[GitHub link to code](#)



## Clock

[GitHub link to code](#)

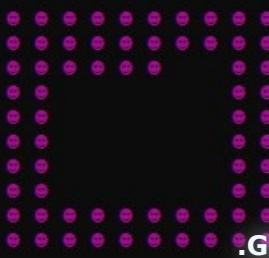


## □ C# Console applications - study programs

### Spiral Matrix

[GitHub link to code](#)

```
-Spiral matrix-
Matrix Height: 10
Matrix Width: 10
Matrix speed: 10
```



.GIF

### Double Linked List

[GitHub link to code](#)

```
> Double Linked List - collecting cars <

Audi
BMW
Citroen
Mercedes
Honda
Suzuki
Wolkswagen
Lada
Ford
Peugeot
Ferrari
Lamborghini

Lamborghini
Ferrari
Peugeot
```

.GIF

### Suffix Trie

[GitHub link to code](#)

```
Програма, която брои думите
It's Working!

о - 2388
оц - 368
оценс - 1
оценяване - 1
оценяването - 1
оценява - 2
оценявано - 1
оценител - 1
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оценките - 1
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опе - 1
опера - 1
оперативния - 1
оперативната - 1
```

.GIF

### Factorial

[GitHub link to code](#)

```
try
{
    n = Convert.ToInt32(consoleInputLine);
}
catch (Exception)
{
    Console.WriteLine("Default value: 5");
}

Console.Write("n! = ");

// "decimal" is the biggest integer type
decimal factorial = 1;

// Perform an infinite loop
while (true)
{
    Console.Write(n);
    if (n == 1)
    {
        break;
    }
    Console.Write(" * ");
    factorial *= n;
    n--;
}
Console.WriteLine(" = {0}", factorial);
```

.GIF

### Bubble Sort

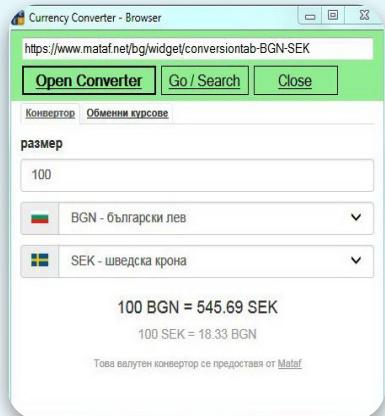
[GitHub link to code](#)

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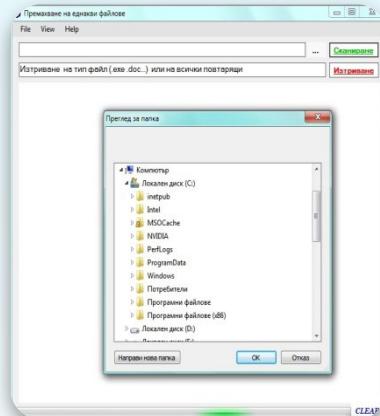
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## ❑ C# Windows Form and WPF - study programs

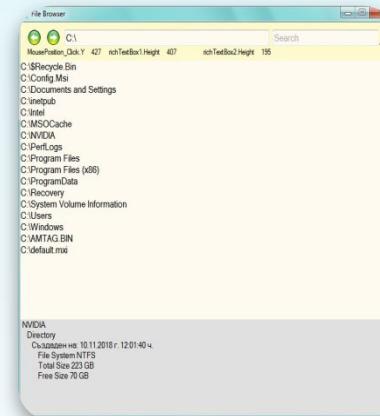
Currency Converter  
[GitHub link to code](#)



Duplicate Finder  
[GitHub link to code](#)



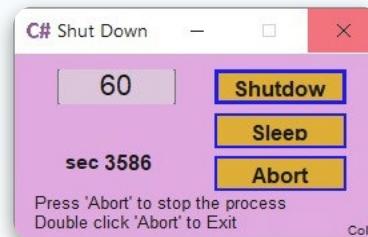
File Browser  
[GitHub link to code](#)



Search Files  
[GitHub link to code](#)



Shut Down PC  
[GitHub link to code](#)



Timer  
[GitHub link to code](#)



## ❑ C# Windows Form and WPF programs / iOS App - Swift

Shortcuts Browser  
[GitHub - link](#)



Salary  
[GitHub link to code](#)

Zaplata Compute

8.21.2024 7:49

Lön / timme	Timmar	Skatt
100	160	15

Belopp att ta emot: **13600 sek**

**Compute**   **Calculator**

Info:  
Hej, skriv din lön per timme, din timmar och din skatt.

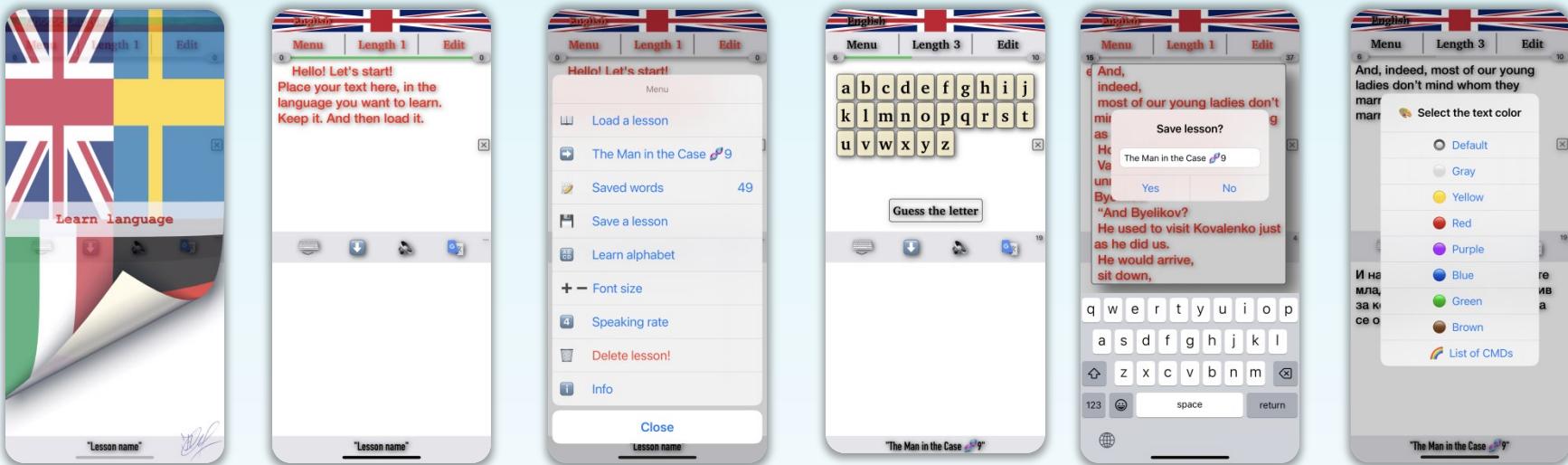
2D Graphics Car  
[GitHub - link](#)



## Learn Language iOS

[GitHub - link](#)

### ❑ iOS App - Swift

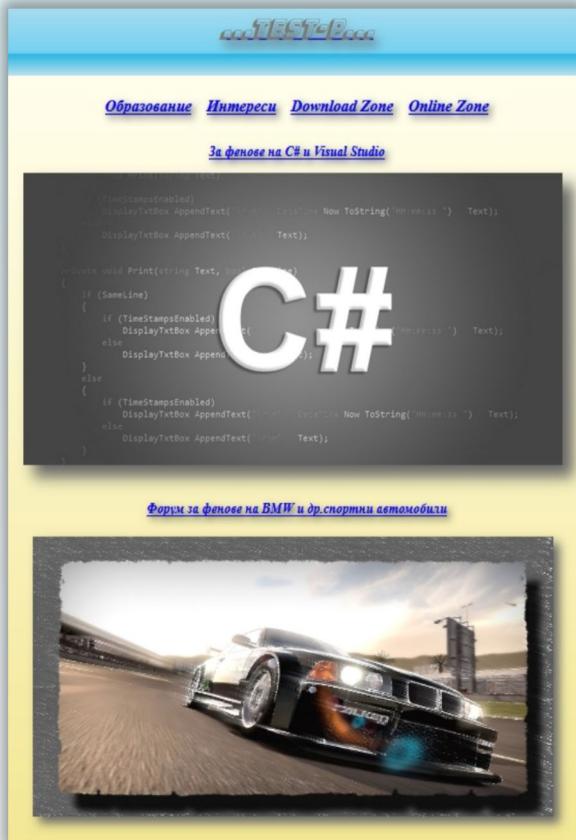


## Salary App iOS

[GitHub - link](#)



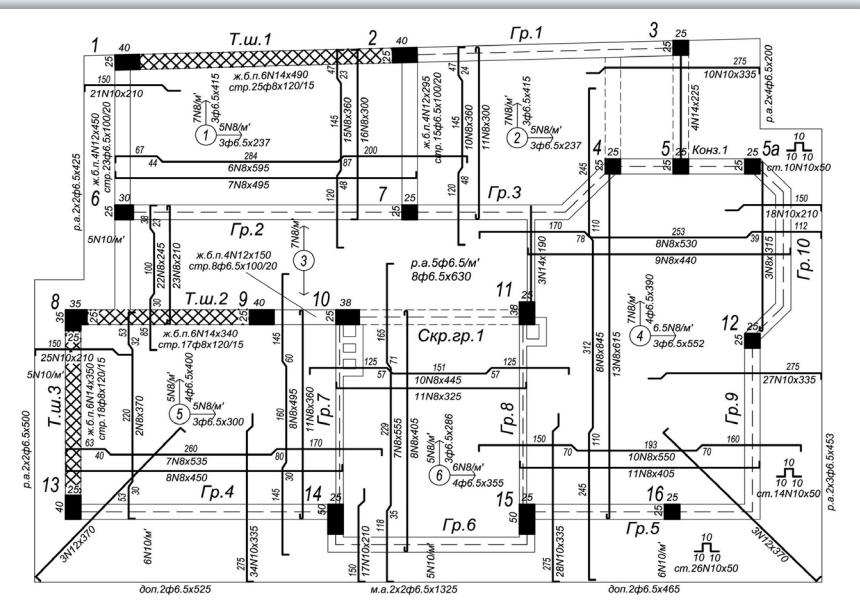
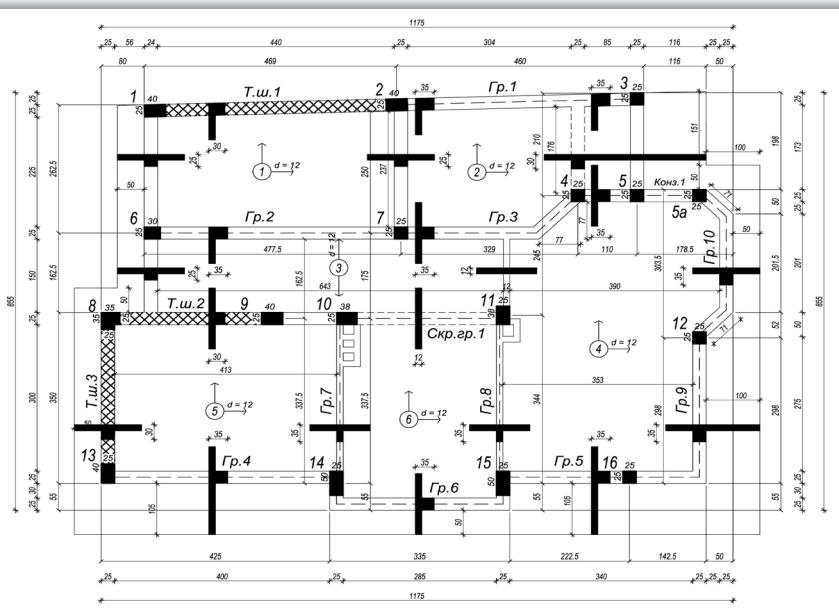
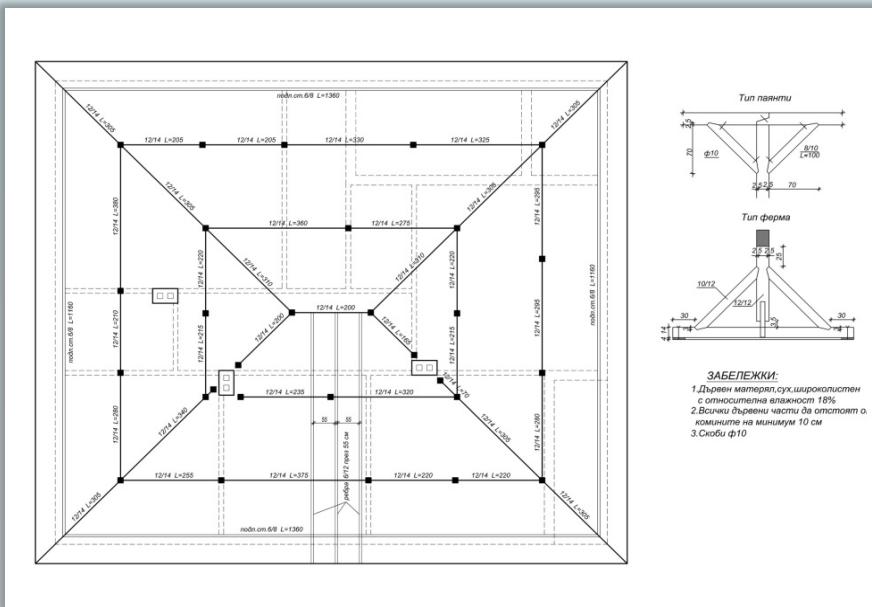
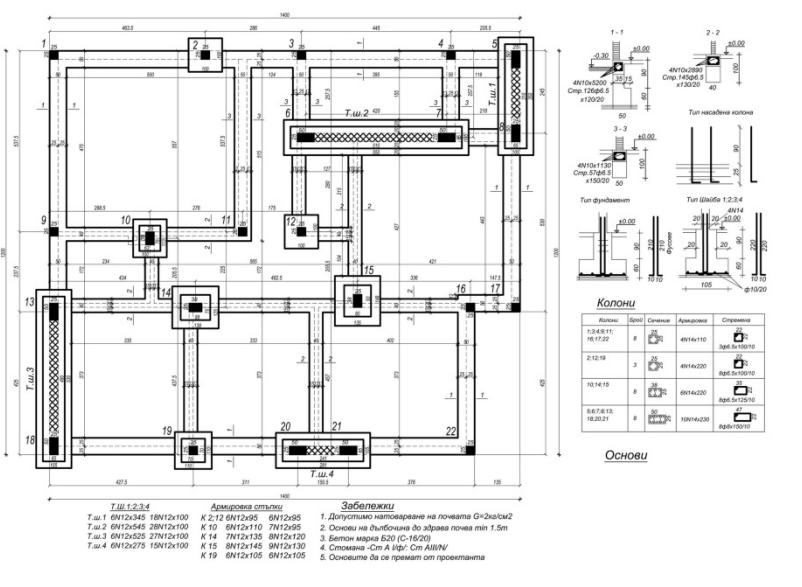
## ▫ A small web site made with HTML5 and CSS



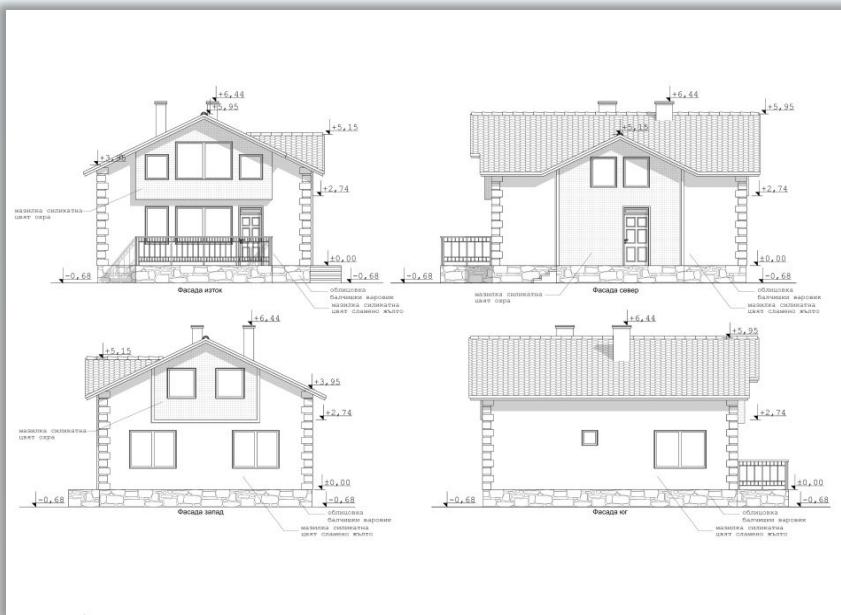
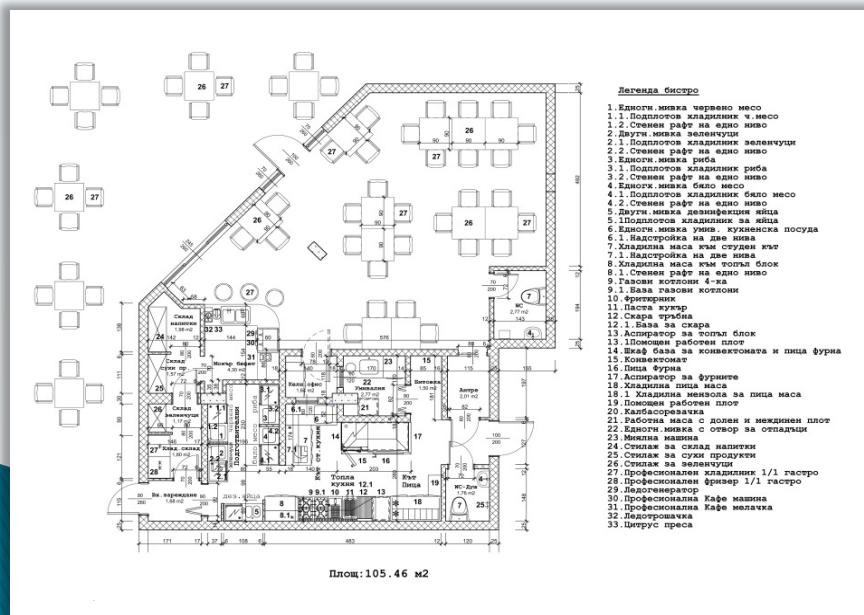
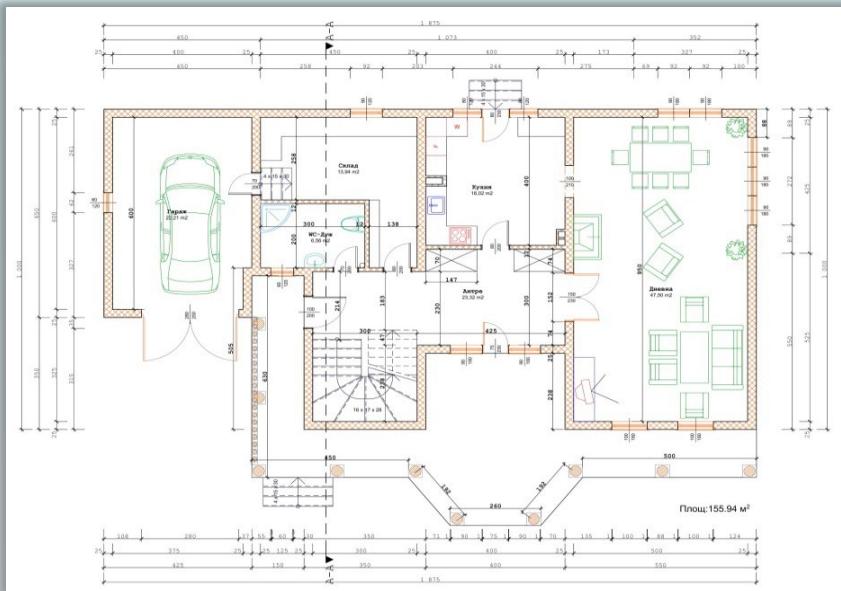
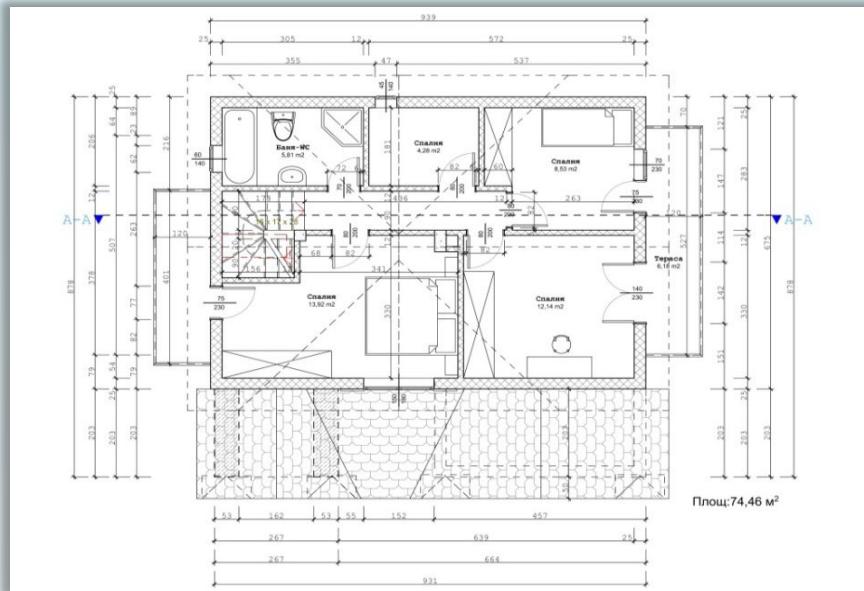
❖ <http://drive.sytes.net/>

- ❖ The site is uploaded to a home computer, made for learning purposes.
- ❖ The download page has small programs that are also included in this portfolio.

#### Projects from a previous work position - constructions



## Projects from a previous work position - architecture



## Projects from a previous work position - electrical installations



❑ Projects from a previous work position - 3D visualization



Unfinished hotel in the town of Pomorie



Small hotel in Pomorie under construction



House in Aleksandrovo village



House in Kamenar village - 42.624863, 27.573461



House in Kamenar village - 42°37'23.94, 27°34'38.76