

```
In[ ]:= resx = 1920 * 4 / 6;
```

```
slikapiksli = (Delete[#, -1] & /@ #) & /@ ImageData[
```



```
grafikakvadratkov = Show[
  Table[
```

```
    Graphics[{
      RGBColor[slikapiksli[[y, x]] ],
      EdgeForm[],
```

```
      Polygon[{
        {x, y},
        {x + 1, y},
        {x + 1, y + 1},
        {x, y + 1}
      }]
    ]],
```

```
    {y, Length[slikapiksli]},
    {x, Length[slikapiksli[[1]] ]}
  ]];
```

```
srzanke = {10, 10};
```

```
sezslik = Join[
```

```
  {Show[
    grafikakvadratkov,
    ImageSize → resx
  ]},
  Table[
```

```
    Show[
      grafikakvadratkov,
      Graphics[{
        RGBColor[{1, 1, 0, .3}],
        EdgeForm[{RGBColor[{1, 1, 0, 1}], Thickness[.005]}],
        Polygon[{
          #,
          # + {1, 0},
          # + {1, 1},
          # + {0, 1}
        }]
      }] & /@ If[rzanke == 0,
      {srzanke},
      ((srzanke + #) & /@ Join[
        Table[{x, rzanke}, {x, -rzanke, rzanke - 1, 1}],
        Table[{rzanke, y}, {y, rzanke, -rzanke + 1, -1}],
        Table[{x, -rzanke}, {x, rzanke, -rzanke + 1, -1}],
```

```

        Table[{-rzanke, y}, {y, -rzanke, rzanke - 1, 1}]
    ]]],
    ImageSize → resx
],
{rzanke, 0, 3}],

srzanke += 3;
Table[

Show[
    grafikakvadratkov,
    Graphics[{
        RGBColor[{1, 1, 0, .3}],
        EdgeForm[{RGBColor[{1, 1, 0, 1}], Thickness[.005]}],
        Polygon[{
            #,
            # + {1, 0},
            # + {1, 1},
            # + {0, 1}
        }]
    }] & /@ If[rzanke == 0,
    {srzanke},
    ((srzanke + #) & /@ Join[
        Table[{x, rzanke}, {x, -rzanke, rzanke - 1, 1}],
        Table[{rzanke, y}, {y, rzanke, -rzanke + 1, -1}],
        Table[{x, -rzanke}, {x, rzanke, -rzanke + 1, -1}],
        Table[{-rzanke, y}, {y, -rzanke, rzanke - 1, 1}]
    ])],
    ImageSize → resx
],
{rzanke, 0, 12}]

];
grafika = ImageAssemble[ArrayReshape[sezslik, {3, 6}]];
Export["c:\\Users\\gal\\Documents\\ŠOLA\\NAR\\fiz\\rn.aviončki\\grafi\\Algoritem
za pregledovanje pikslov.png", grafika]

Out[ ]:= c:\\Users\\gal\\Documents\\ŠOLA\\NAR\\fiz\\rn.aviončki\\grafi\\Algoritem
za pregledovanje pikslov.png

In[ ]:= SystemOpen[
    "c:\\Users\\gal\\Documents\\ŠOLA\\NAR\\fiz\\rn.aviončki\\grafi\\Algoritem za
pregledovanje pikslov.png"]

```