

Seminar on ICT

The instruction of the encoder:

1. Open the project, for instance in Pycharm
2. Open "koder.py"
3. Choose your image to be encoded and paste its location to Image.open() function

```
img =  
Image.open('E:/studia/pyton/8bit/WZORCE/small_32x32_alpha  
.png')
```

4. Type in your selected binary file (in this case it is "test.png" image). The file should be in project's main folder

```
with open("test.png", "rb") as binary_file:  
    b = binary_file.read()
```

5. Run a program
6. If your bin file meets the requirement, the message "Zakończono kodowanie." appears on screen. If not, then the message "Błąd." appears
7. Encoded image appears in project's main folder as a "zakodowany.png" file

The instruction of the decoder:

1. Open the project, for instance in Pycharm
2. Open "decoder.py"
3. Choose your image to be encoded and paste its location to Image.open() function

```
img = Image.open('zakodowany.png')
```
4. Run a program
5. The "result" file appears in project's main folder
6. If the initial message was a text message, then it appears on screen