

# DAI - Praticale Work 1

[Link to the reposoty](#)

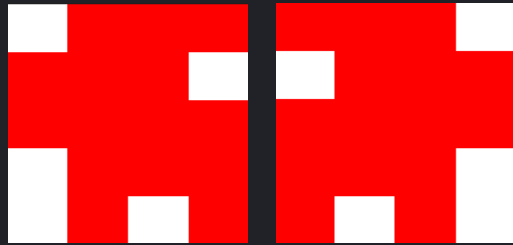
M. Ischi and A.Leyre.

# Objectives

- Make a programme using piccoCLI interface
- The programme must have two functionalities
- Using the additional parameters and options

# Our Programs

It can hide and search a specific pattern in a bmp file



# Our Fonctionnalités

- Hide: hide one or more patterns in a bmp image
- Search: search and count each occurrence of a pattern in a bmp image

# Our Options

**hide**

```
--color  
--number  
--left  
--output  
--json
```

**hide**

```
--color  
--fill  
--left
```

# Improvement

- For two commands:
  - > give the choice of pattern to the user
  - > resolve the matching background unfindable effect
- For hide :
  - > read a json with coordinates where to hide
- For search :
  - > write a json with all coordinates of pattern found
  - > give the choice of color to fill, or apply a mask

# Sources

- my PiccoCLI : <https://picocli.info/>
- Peers
- Microsoft Copilot: orthograph and commenting