

ELEC 1020 LAB 2: ***Advanced Image Editing*** ***with Adobe Photoshop*** ***CS5.1***



Outcomes of this lab

1. Complete a mosaic image provided
2. Create a crowd accelerated image mosaic with a given logo

Attention

1. BOTH basic and creative tasks needed to be post on Facebook as a comment on the specified post
2. The presentation is followed by a demo
3. Save your work to 'D:/temp/yourID'

Scoring Rubric For the Labs

| max. 4 (100%) out of 4 | 4 (100%) Exceeds Standard | 2 (50%) Meets Standard | 1 (25%) Approaches Standard | 0 (0%) Fails |
|---|--|---|--|---|
| Evaluation of your production in terms of design and technical effectiveness | On top of the standard deliverables, students showed unusual insight, complexity, originality, or creativity with their message or choice of an art form or medium to express it. | Students completed ALL required messages and reproduced the expected art form or medium. | Students partially completed the required messages and reproduced the expected art form or medium. | Students FAILED to complete any required messages and reproduced the expected art form or medium. |
| | Work shows rich evidence that student researched his/her OWN ideas, art form, and the techniques of his/her art form. | Work shows full evidence that students completed the required ideas, art form, and the techniques of art form expected. | Work shows partial evidence that students completed some required ideas, art form, and the techniques of art form expected. | Work shows NO evidence that students completed any required ideas, art form, and the techniques of art form expected. |

Lab Contents

1. Extracting a puzzle shape
2. Merging Layers
3. Image mosaic

Extracting a puzzle shape

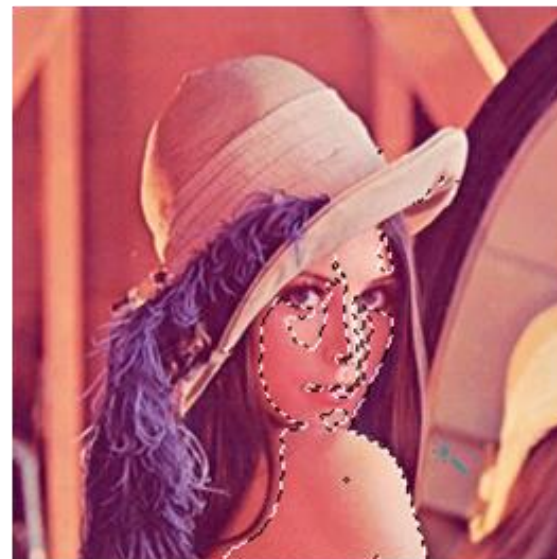
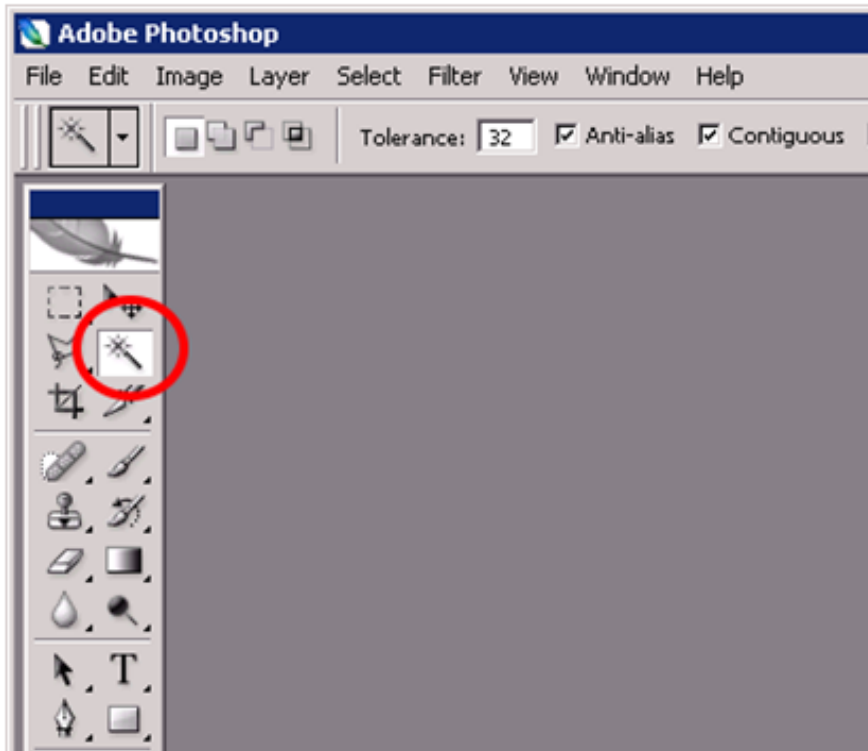
- How can we extract the shape?



Extracting a puzzle shape

Recall – Magic Wand

- Select by clicking the region you needed
- Hold shift and left click to select multiple parts

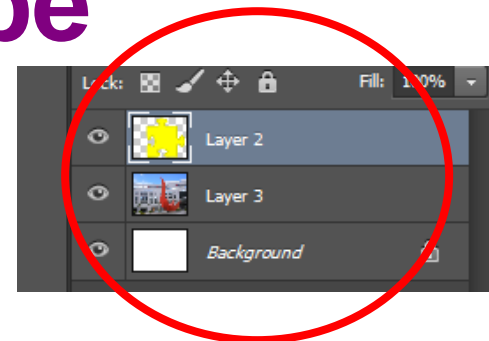


Extracting a puzzle shape

step 1: put the puzzle on the image you want to extract

step 2: select the puzzle layer

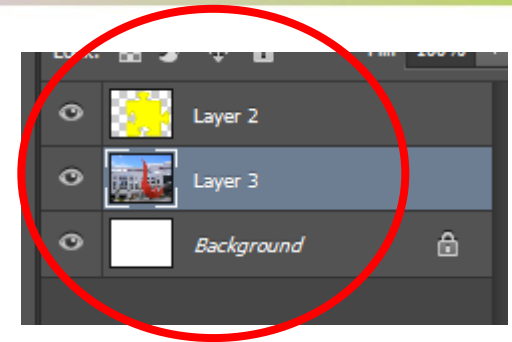
step 3: use magic wand to select the unwanted area with layer setting



click here with
magic wand



step 4: select the image layer, and press delete



step 5: copy your layer

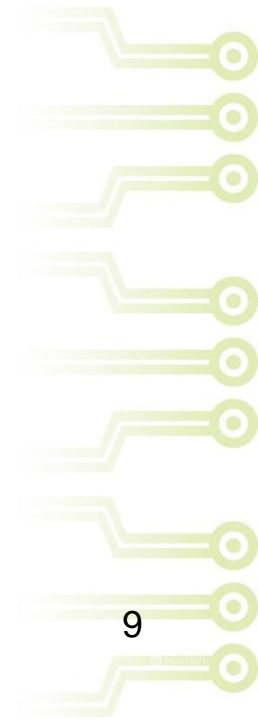


step 6: repeat step 1 to 5 to
complete your design

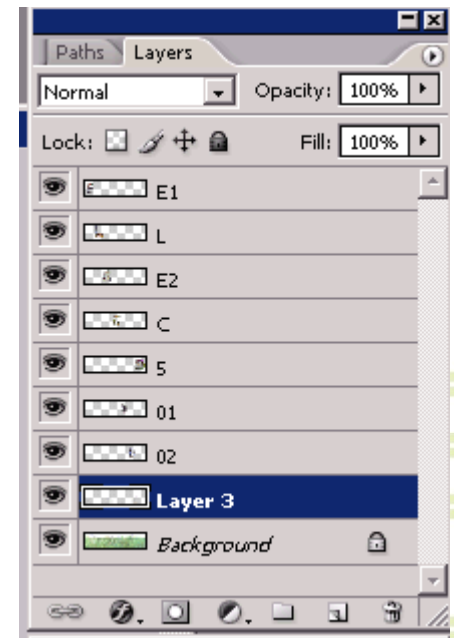
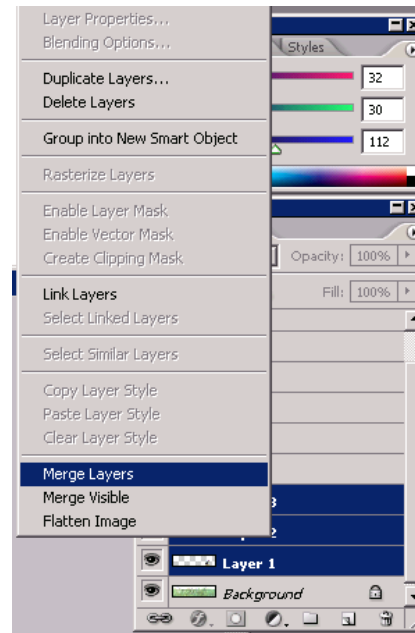
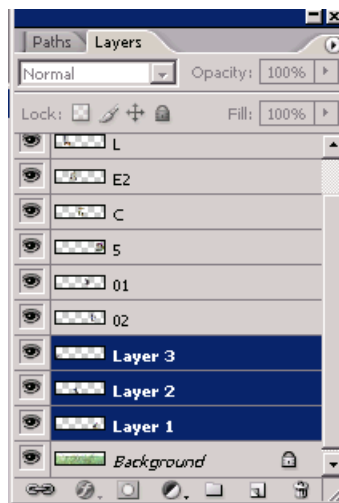
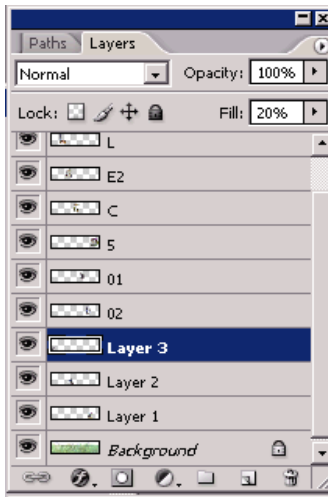


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Merging Layers



Step1: Select the layers

Step2: Right Click -> Merge Layer

!!This process is irreversible

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Recall - A Principle in Mosaic

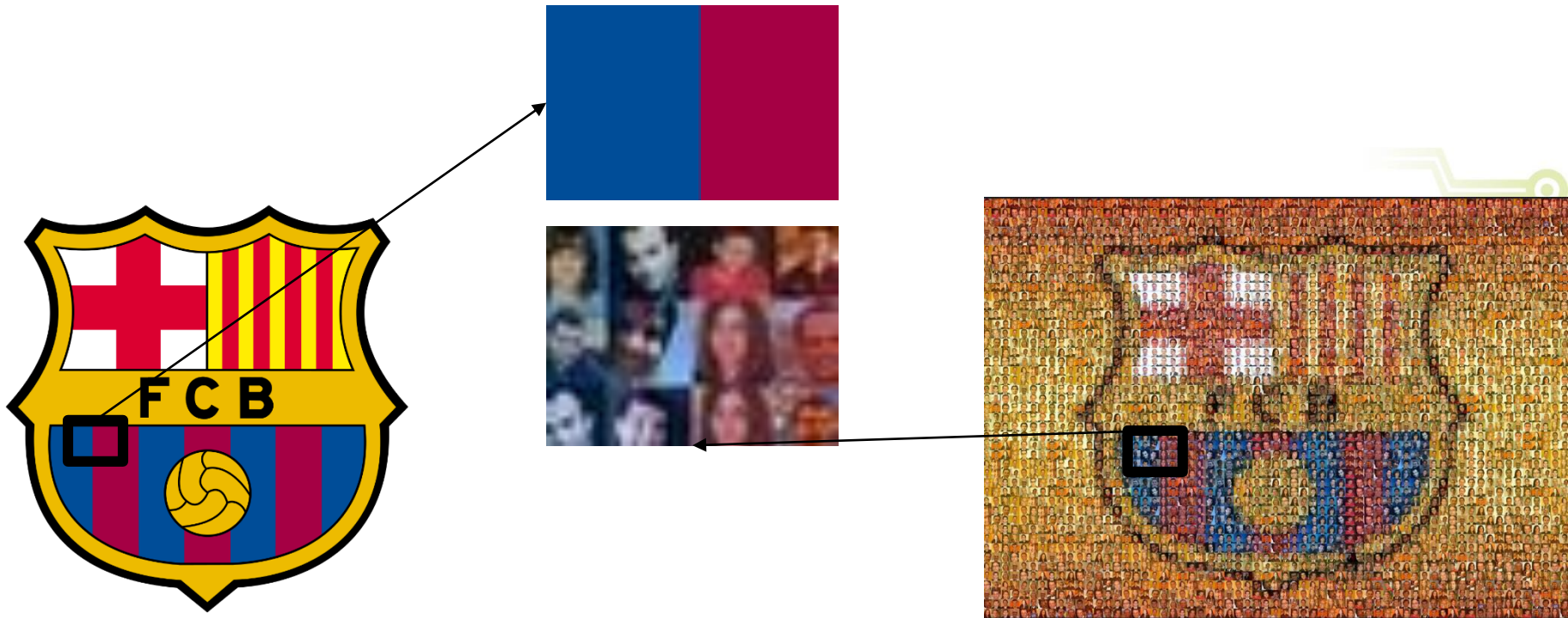
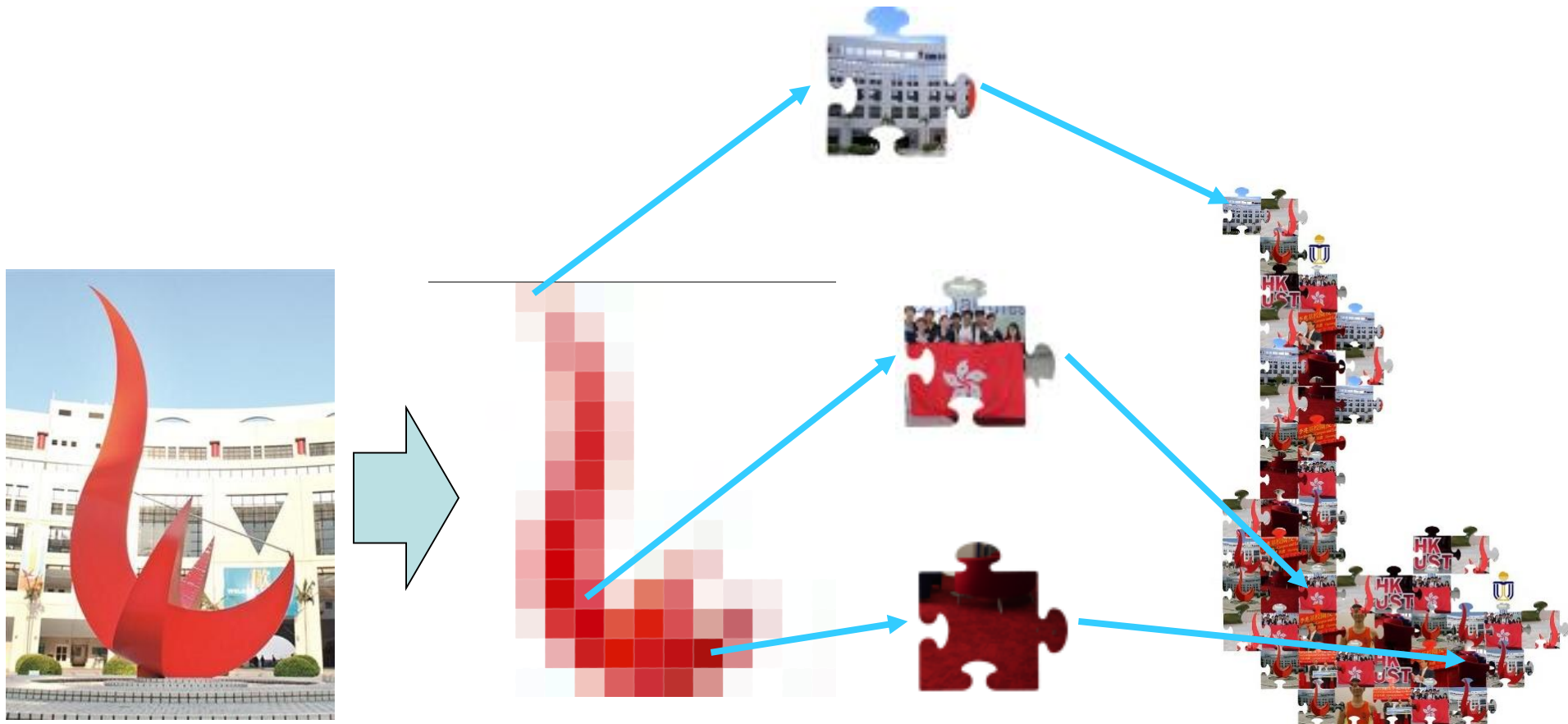


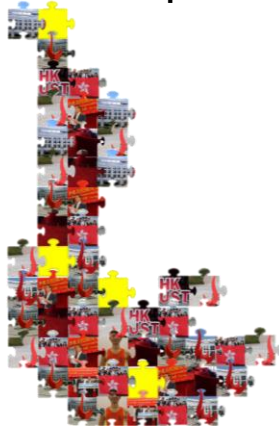
Image Mosaic

Selecting the right picture

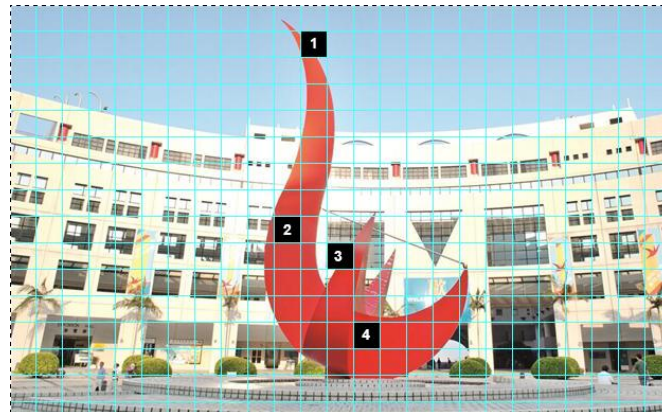


Basic Task (individual)

- Select your classmates' works (basic+creative) that align the colour of the pixels and the topic of the image
- Fill in the image with the selected images in a puzzle shape
 - Task 1: replace the yellow puzzles with images in puzzle shapes
 - Task 2: replace the black squares with images that fits the colour and the shape of the sundial



Task 1



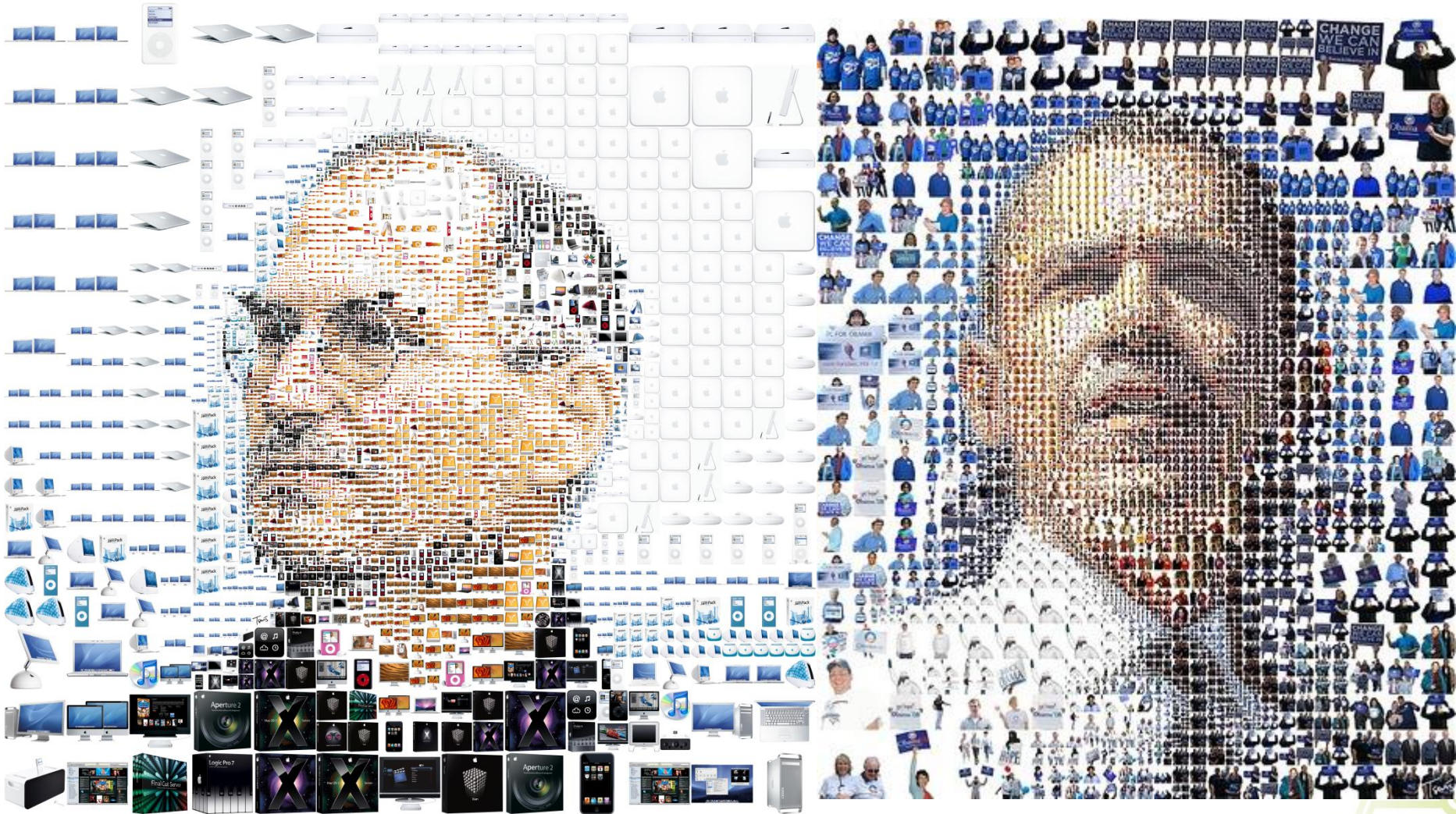
Task 2

Creative Task (4 ppl. a group)

- **Creative task (max 2 marks)**
 - Create a crowd accelerated image mosaic for the **GIVEN** Logo (find it on Facebook)
 - Use others' works (both the covers and the billboards), which must be recognizable
 - Do **NOT** use other effects (e.g., curve) besides those from this lab
 - Min. resolution: 60 images*40 images in puzzle shapes
- Submit your work to the course Facebook with:
 - your design
 - student ID
 - **three points** on the features of your design
- **20%** penalty for submitting after Monday **NOON**



Examples



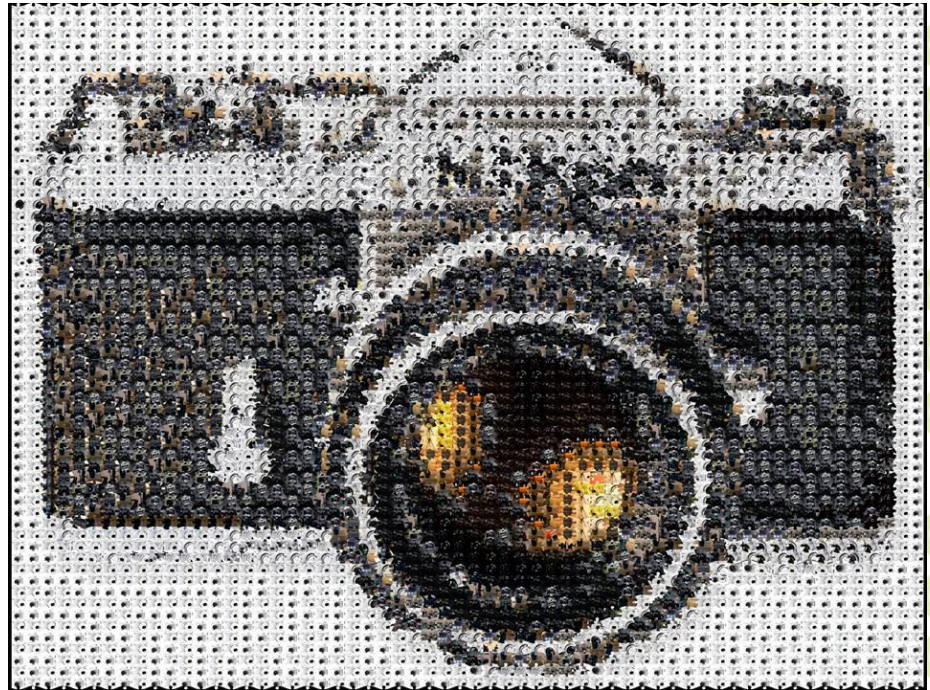
Examples



Examples



Examples



- The End –
**You can find the topic for your
creative task on Facebook**