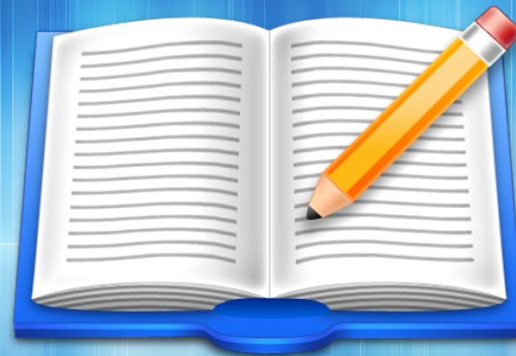




# MULTIMEDIA (part 1)

## CHAPTER 9 - EXERCISES



# EXERCISE 1

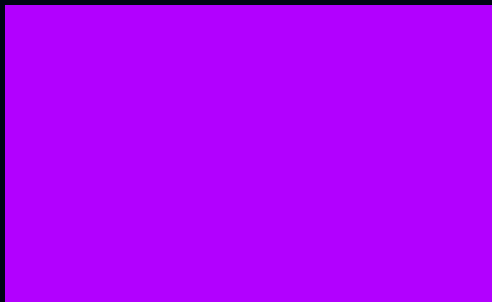
- **School book - Activity (p. 117)**
- **RGB Color Mix** is a small simple application which is specially designed to enable user to set the three basic colours (red, green, and blue) to mix any colour.
- You can download this app in following address:  
[http://www.gymit.gr/CD\\_ROM\\_Ekpaideftikou/files.html](http://www.gymit.gr/CD_ROM_Ekpaideftikou/files.html).
- Using this app on your computer, find out what colours come of the following combinations.

| RED  | GREEN | BLUE | COLOR |
|------|-------|------|-------|
| 100% | 100%  | 100% |       |
| 0%   | 0%    | 0%   |       |
| 100% | 100%  | 0%   |       |
| 0%   | 100%  | 100% |       |
| 100% | 0%    | 100% |       |
| 50%  | 50%   | 50%  |       |

# EXERCISE 2

- Use **RGB Color Mix** and describe what colour combinations of RGB model are needed in order to produce each one of the following colours.

(a)



(b)



(c)



| RED | GREEN | BLUE |
|-----|-------|------|
|     |       |      |
|     |       |      |
|     |       |      |

# EXERCISE 3

- **School book - Question (p.116)**
  - How would you characterize an image with a colour depth of 1 bit;
  - How many different colours would this image have?