Καθηγητής Πληροφορικής
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**ANSWERS
CHAPTER 4**

VCZ

## EXERCISE 1

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1. | corners | 6. | gray | 11. | graphics | 16. | number |
| 2. | shift | 7. | setsh | 12. | Select All | 17. | Paint Can |
| 3. | Stamp | 8. | attached | 13. | editor | 18. | Ctrl |
| 4. | public | 9. | private | 14. | spaces | 19. | floating |
| 5. | dots | 10. | public | 15. | priority | 20. | png |

## EXERCISE 2

**A)**     The turtles with dots listen to our commands, so they can be programmed.
The turtles without dots are static background graphics and cannot be programmed.

**B)**     To create a turtle without dots, we should use the **Stamper** tool.
Alternatively, we should place a shape inside the page, and then we right click on it and select **Stamp** from the menu.

## EXERCISE 3

**A)**     There are 6 turtles in the page (x1, x2, x3, x4, x5, x6).

**B)**     Turtles x1, x4 have the red color (red, 15).
Turtles x2, x6 have the sky color (sky, 95).
Turtles x3, x5 have the orange color (orange, 25).

**C)**     It displays the color number of turtle x5, that means 25.

**D)**     `x2, setc "blue`   **or**   `x2, setc 105`

**E)**     The command `setcolor`

## EXERCISE 4

**A)**     We right click on a shape in the Shapes tab and then we select the Edit command from the menu to open the **shape editor**.

**B)**     Zoom Scale, horizontal flip, vertical flip, angle of rotation and new name for the shape.

**C)**     The name of the shape in point (5) is wrong because it includes spaces. To correct this name, we could write it as `myfish` or `my_fish`

*Evangelos C. Zioulas* (IT Teacher)

## EXERCISE 5

| Exported elements: | Not exported elements: |
|---|---|
| A background color set by the `setbg` command | Unstamped Turtles |
| Background graphics drawn by the turtles or with the Painting tools | Unstamped (floating) graphical elements |
| Stamped turtles | Buttons, text boxes and other objects |
| Stamped text | Graphics from the Wallpaper |