



Chapter No. 5 Modelling Effects on Screen

Name : _____ Class : _____

Q. Fill in the blanks with the appropriate command given below

Clean	Clear/Clear All	Cleartext/CT	Clearscreen/CS
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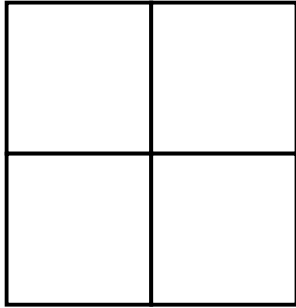
1. _____ clears the Graphics Window and Command Window and brings the turtle back to home position.
2. _____ removes all the pen marks made by the Turtle and returns the Turtle to its home position. It behaves like Clean and Home command.
3. _____ removes all the pen marks made by the turtle. The position and orientation of the turtle remains unchanged.
4. _____ clears all the text in the text or command window.

Q. Match the correct commands with their description by writing the correct number.

1	Right/RT		Used to instruct the turtle to go forward
2	Hideturtle/HT		To turn the turtle to its right, in Clockwise direction
3	Setpenwidth		This command will hide the turtle
4	Backward/BK		To print text to drawing screen
5	Label		To change the width of the line made by the pen
6	Setpattern		Used to move the turtle backwards.
7	Left/LT		It allows us to specify Red Green Blue (RGB) intensities of colour for the line.
8	Showturtle/ST		To change the style of the line
9	Forward/FD		Turtle is turned to its left, in anti-clockwise direction.
10	Setpencolour		To unhide the turtle

1. Write down the instructions using the REPEAT command to draw the following shape.

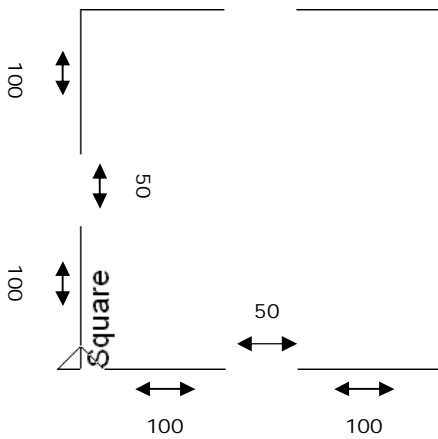
(Hint: each line is 100 steps. Use Repeat command, angle = $360 / 4$)



Your name

2. Write down the instructions using the REPEAT command to draw the following shape.

(Hint: each line is 100 steps, and each gap is 50 steps. Use Repeat command, angle = $360 / 4$)



Q. Fill in the blanks with correct answers:

- a. While using Setpencolour command, each input has a range of _____ to _____, to specify intensities of colours.
- b. The default value of Setpenwidth command is _____ and the expression evaluates to a number _____ than zero.
- c. The Setpattern command changes the style of pen and the expression uses number codes from _____ to _____.
- d. In order to set the pen colour to Green - Setpencolour [_____]

Q. Circle the correct answer.

1.) Which of the following commands will move the turtle as given below?



- a. FD 20 , PU , FD 20 , PD , FD 20
- b. RT 90 , FD 20 , PU , FD 20 , PD , FD 20
- c. LT 90 , FD 20 , PU , FD 20 , PD , FD 20
- d. FD 20 , PU , FD 20 , PD , FD 20 , RT 90

2.) The command setshape sentence [arrow_black&white_turtle.gif] means:

- a. You have changed the background
- b. You have changed the turtle
- c. You have changed the line size
- d. None of the above

3.) If the turtle is at Home, RT 90 will turn it in which direction?

