

1. Answer the following questions.
2. In how many different types of speeds can you run the commands?

Ans. The different types of speeds are:

- Full speed
- Slow
- Slower
- Slowest
- Step-by-step

3. What is the default execution speed in Kturtle?

Ans. Full speed is the default execution speed in a Kturtle.

4. What is the function of a Console text box?

Ans. We enter a one-line command on the Console text box and press the Enter key to run it.

5. Where will you look for the action last performed?

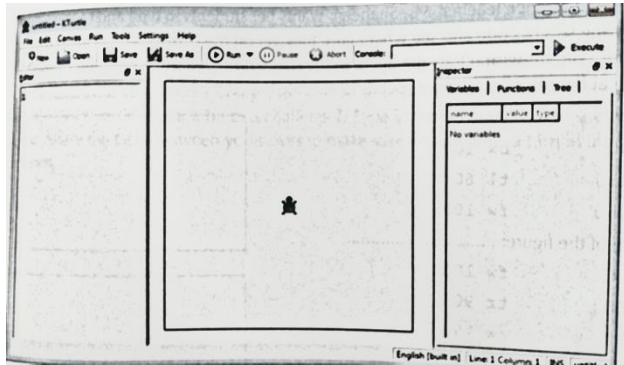
Ans. We will look on the left side of the status bar to look for the action last performed.

6. Distinguish between the FW and BW commands.

FW	BW
The FW or forward command is used to move the turtle in the forward	The BW or backward command is used to move the turtle in the backward direction.

2. Application-based questions

- a. Consider the KTurtle main screen shown below and answer the questions that follow.



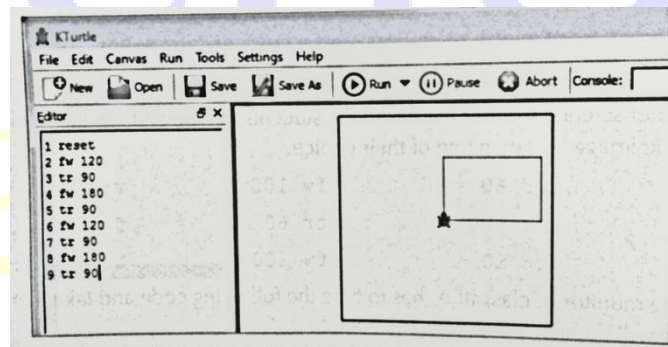
1. Which pane of KTurtle screen is used for entering commands?

Ans. Editor Pane

2. Name the pane in which the turtle sits.

Ans. Canvas

- b. Essa has typed and executed the following program in KTurtle.



3. Name the figure that has appeared on the canvas.

Ans. Rectangle

4. Which button on the Toolbar is used to execute the commands?

Ans. Run button

3. Fill in the blanks

Abort	File	center	new	three
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1. The Kturtle window has **three** main windows.
2. In the Kturtle main screen, the turtle sits at the **center** of the canvas.
3. To save an image, click the **file** menu and select the Export to Image (PNG) option.
4. The **new** button on the toolbar clears the Editor pane and you can type a different set of instructions.
5. The **abort** button stops the execution.

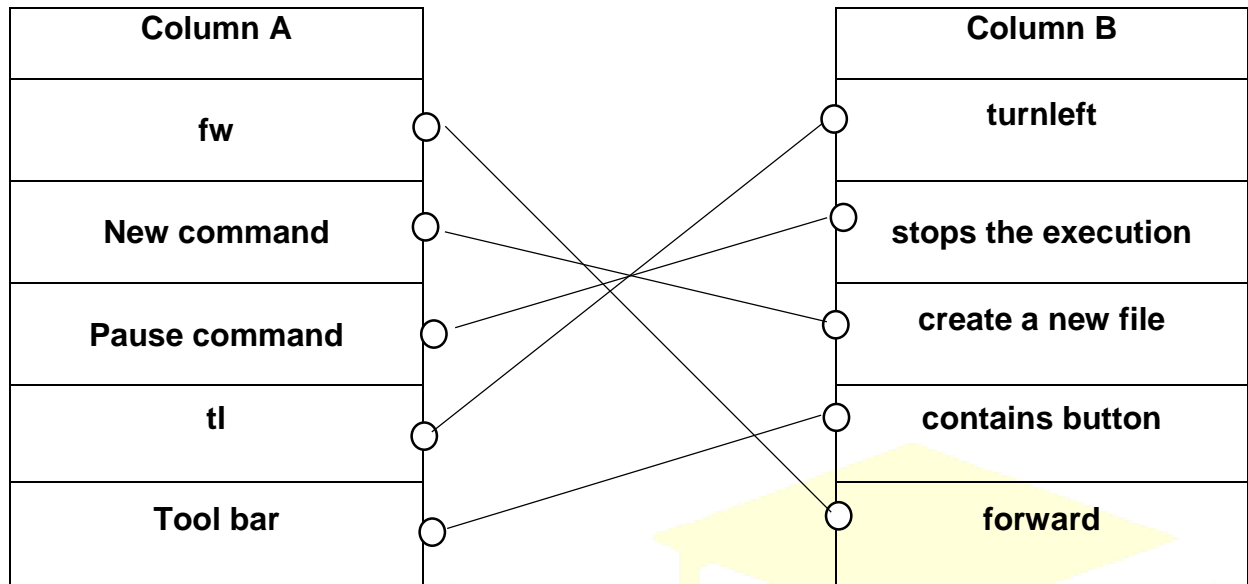
4. True/False.

1. You can change the shape of the turtle.	F
2. You can change the shape of the turtle.	F
3. You can change the shape of the turtle.	F
4. The Save button is used to save the programming commands.	T
5. You can save the image that the turtle draws on the canvas.	T

5. Jumbled words.

Jumbled Words	Arranged Words
ARLBTOO	TOOLBAR
IRNOSTPEC	INSPECTOR
GDAR	DRAG
TOIRED	EDITOR
ERNTE	ENTER

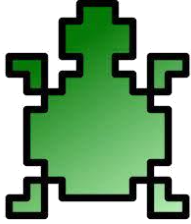
6. Match the columns.



7. Choose the correct answer.

1. The Kturtle screen has _____ main parts.			
a) Two	b) Three	c) Four	d) Five
2. The _____ command opens an already existing file.			
a) Open	b) Close	c) New	d) Run
3. In which pane the turtle sits?			
a) Inspector	b) Editor	c) Canvas	d) None of these
4. A command means a/an _____.			
a) Important file	b) book	c) instruction	d) answer
5. To save a file, click on _____ button.			
a) Open	b) Run	c) Save	d) Close

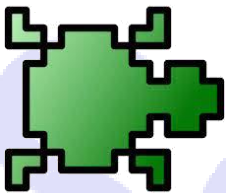
8. Look at the different positions of the turtle and identify which commands are used.



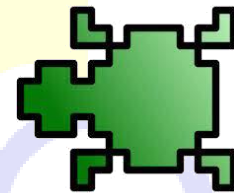
Reset command



Forward command



Turn right command



Turn left command



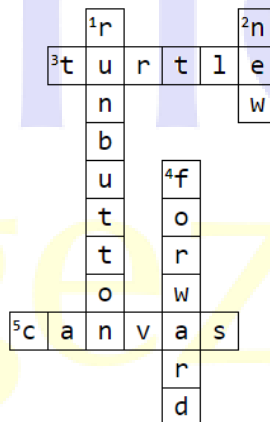
Backward command

9. Word search

Command	Canvas	Folder	Image	Turtle
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F	O	L	D	E	R	W	Q
G	S	T	A	M	P	O	I
C	O	M	M	A	N	D	M
A	E	P	P	Q	Q	Q	A
N	T	O	R	Y	X	M	G
V	Y	V	G	O	N	Z	E
A	P	M	Z	M	E	C	T
S	T	U	R	T	L	E	N

10. Crosswords



Across

- 3. file extension
- 5. space in the middle screen

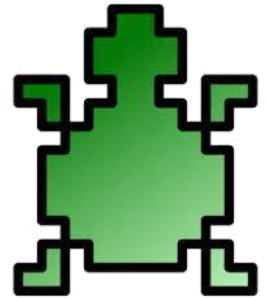
Down

- 1. F5
- 2. to create a new file
- 4. to move the turtle in forward direction

11. Comprehension

Read the paragraph carefully and answer the following questions.

KTurtle is an educational programming environment for learning how to program. It provides all programming tools for its user interface. The programming language used is TurtleScript, which is loosely based on Logo. TurtleScript, the programming language used in KTurtle. File → New (Ctrl-N) creates a new, empty TurtleScript file. File → Save (Ctrl-S) saves the currently opened TurtleScript file. There are different commands used in Kturtle like forward, backward, turnleft, turnright etc.



1. Which programming language is used in Kturtle?

Ans. TurtleScript

2. What is the keyboard shortcut to create a new file?

Ans. Ctrl + N

3. Name any two commands used in Kturtle.

Ans. Turnright and turnleft

4. Which command is used to save a currently open file?

Ans. Save command (Ctrl + S)

12. Drag and drop

Drag and drop the commands in front of their functions.

tr	fw	Abort	Run	Pause
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Functions	Commands
It is used to move the turtle in the forward direction.	fw
It stops the execution temporarily.	Pause
It starts the execution.	Run
It is used to move the turtle's head towards right.	tr
It stops the execution permanently.	Abort