AUT Logo Specification

forward expr

fd expr

Move turtle forward expr pixels.

Example: fd 100

back expr

bk expr

Move turtle backward expr pixels.

Example: bk 100

left expr

lt expr

Rotate expr degrees couterclockwise.

Example lt 90

right expr

rt expr

Rotate expr degrees clockwise.

Example lr 90

setxy expr expr

Move turtle to the specified location.

Example: setxy 200 300

setx expr

Move turtle to the specified location.

Example : setx 100

sety expr

Move turtle to the specified location.

Example : sety 100

setheading expr

seth expr

Rotate the turtle to expr heading.

Example: seth 45

home

Moves the turtle to center, pointing upwards.

clean

Clear the drawing area.

clearscreen

cs

Same as clean and home together.

pendown

pd

Turtle resumes leaving a trail.

penup

pu

Turtle stops leaving a trail.

repeat expr [statements]

Repeats statements expr times.

Example: repeat 4 [fd 100 rt 90]

repeat 2 [repeat 2 [fd 100 rt 90]]

expr

Only **integers** are allowed.

Supported operations:

- +   Addition
- -   Substraction
- *   Multiplication
- /   Division
- ( )   Grouping