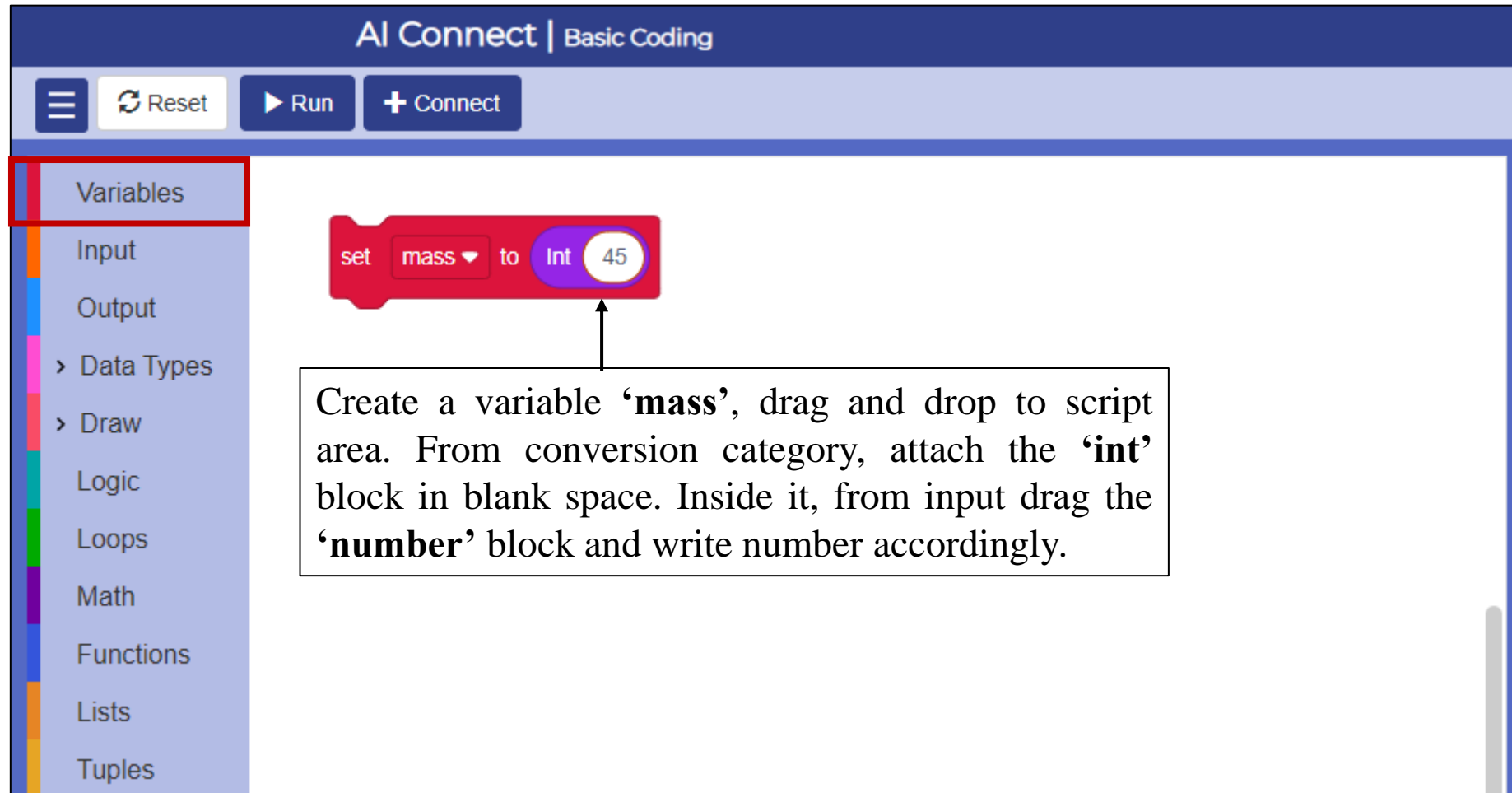


The slide features several decorative geometric patterns. In the top-left corner, there is a vertical strip of overlapping yellow, orange, and green shapes. To its right is a circular arrangement of colorful triangles (purple, blue, green, yellow, orange, red) pointing outwards. The bottom-left corner contains a stylized mountain range in shades of green and yellow. The bottom-right corner is decorated with a horizontal strip of various geometric shapes including triangles, circles, and lines in yellow, orange, and green.

AI Connect

Activity: To find force.

STEP 1:

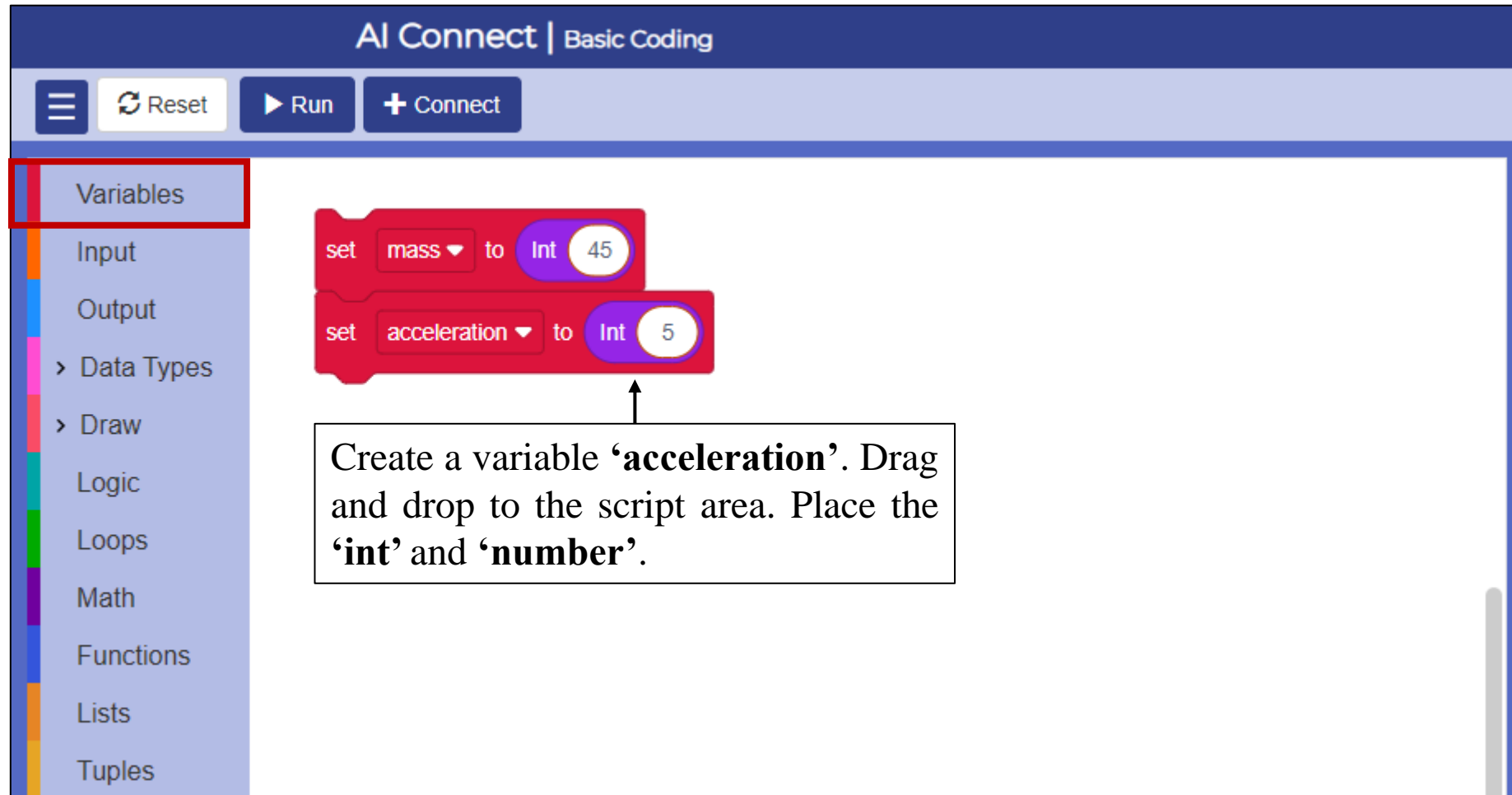


The screenshot shows the 'AI Connect | Basic Coding' interface. On the left sidebar, the 'Variables' category is highlighted with a red box. The main script area contains a red block labeled 'set mass to Int 45'. An arrow points from a text box below to the 'Int 45' part of the block.

Create a variable '**mass**', drag and drop to script area. From conversion category, attach the '**int**' block in blank space. Inside it, from input drag the '**number**' block and write number accordingly.

Activity: To find force.

STEP 2:

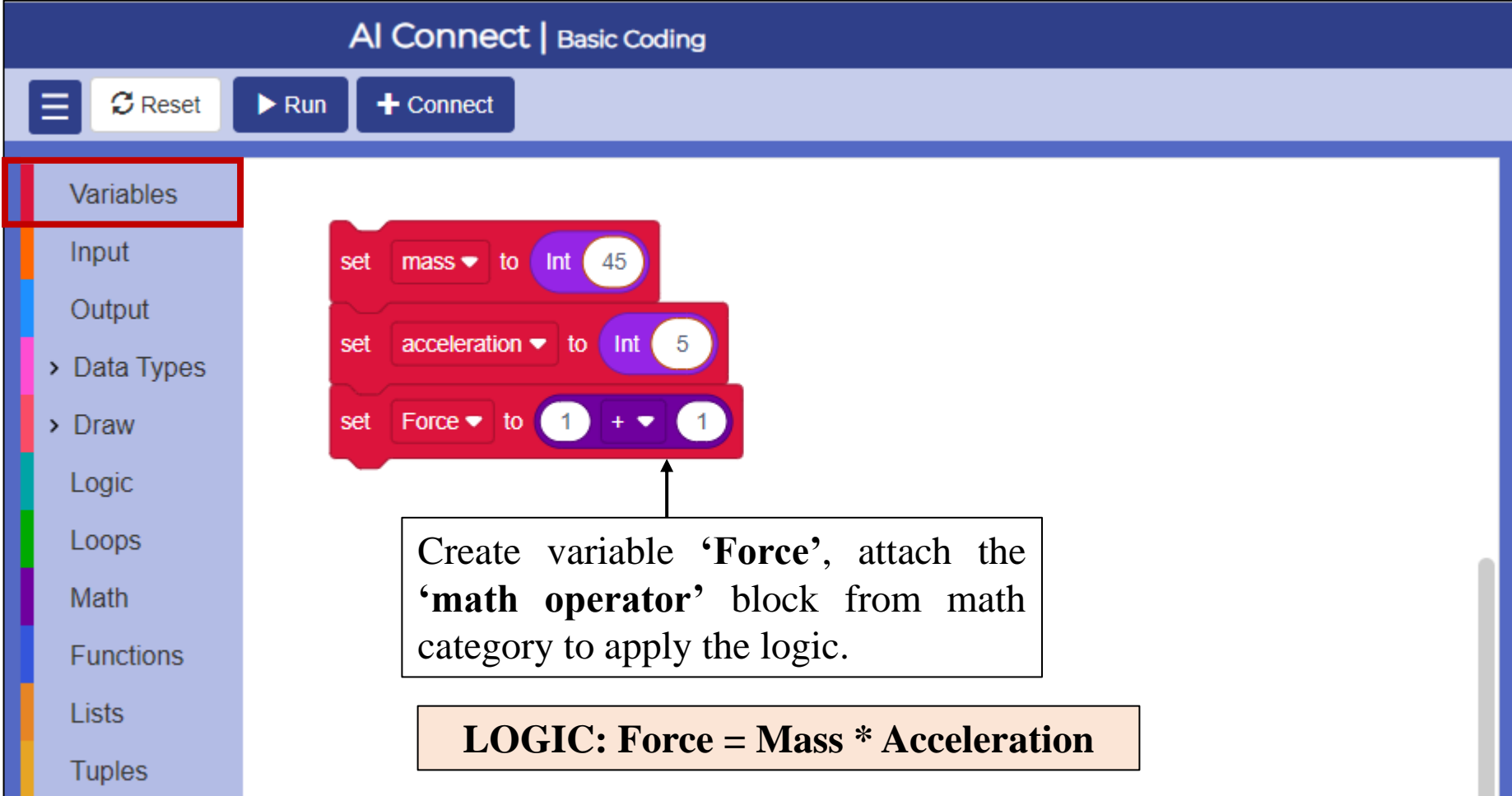


The screenshot shows the 'AI Connect | Basic Coding' interface. On the left, a sidebar menu has 'Variables' highlighted with a red box. The main workspace contains two red 'set' blocks: 'set mass to Int 45' and 'set acceleration to Int 5'. A text box with an arrow pointing to the 'set acceleration' block contains the following instructions:

Create a variable '**acceleration**'. Drag and drop to the script area. Place the '**int**' and '**number**'.

Activity: To find force.

STEP 3:



AI Connect | Basic Coding

Reset Run Connect

Variables

Input

Output

> Data Types

> Draw

Logic

Loops

Math

Functions

Lists

Tuples

set mass to Int 45

set acceleration to Int 5

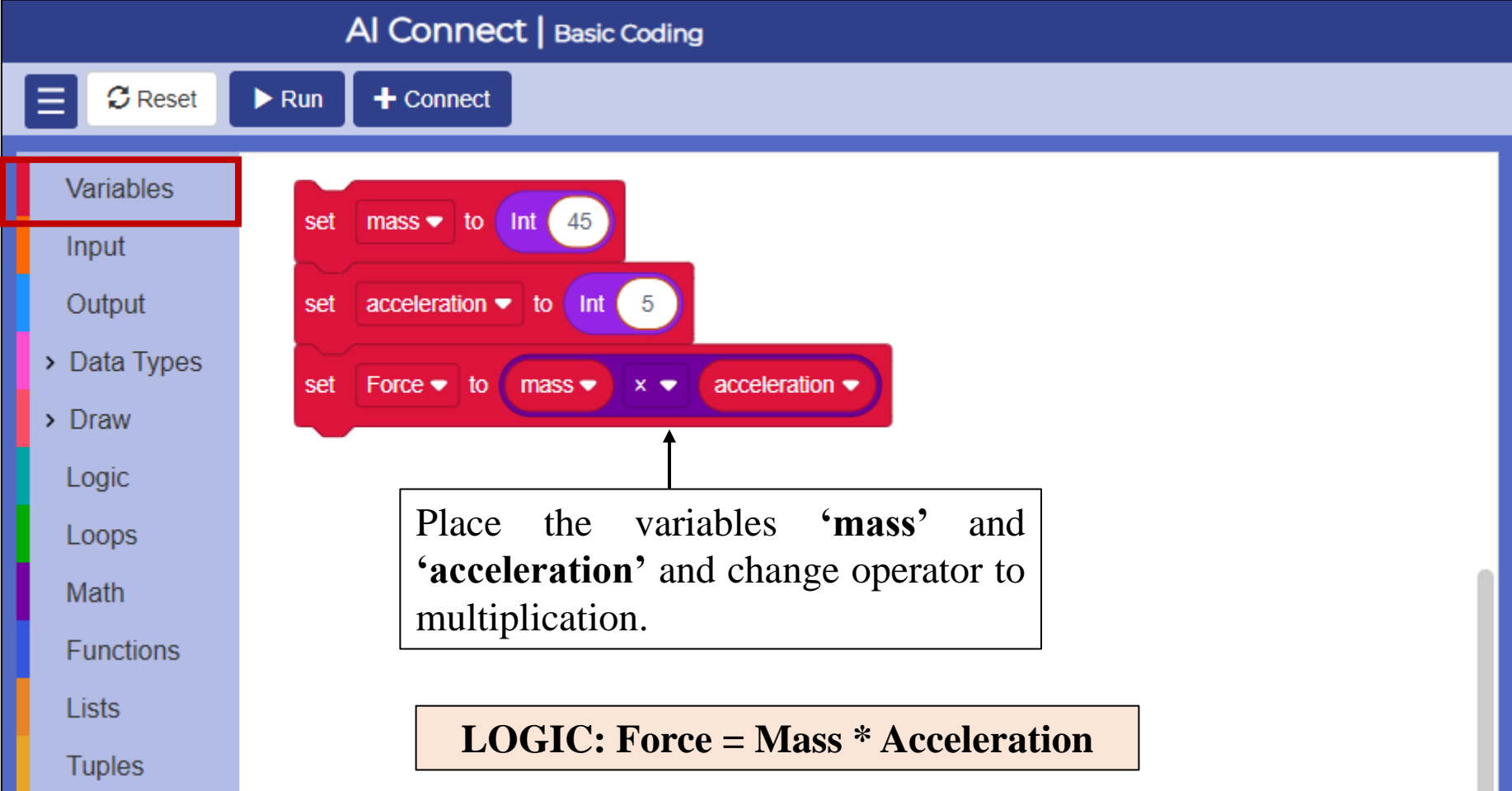
set Force to 1 + 1

Create variable 'Force', attach the 'math operator' block from math category to apply the logic.

LOGIC: Force = Mass * Acceleration

Activity: To find force.

STEP 4:



AI Connect | Basic Coding

Reset Run Connect

Variables

Input

Output

> Data Types

> Draw

Logic

Loops

Math

Functions

Lists

Tuples

set mass to Int 45

set acceleration to Int 5

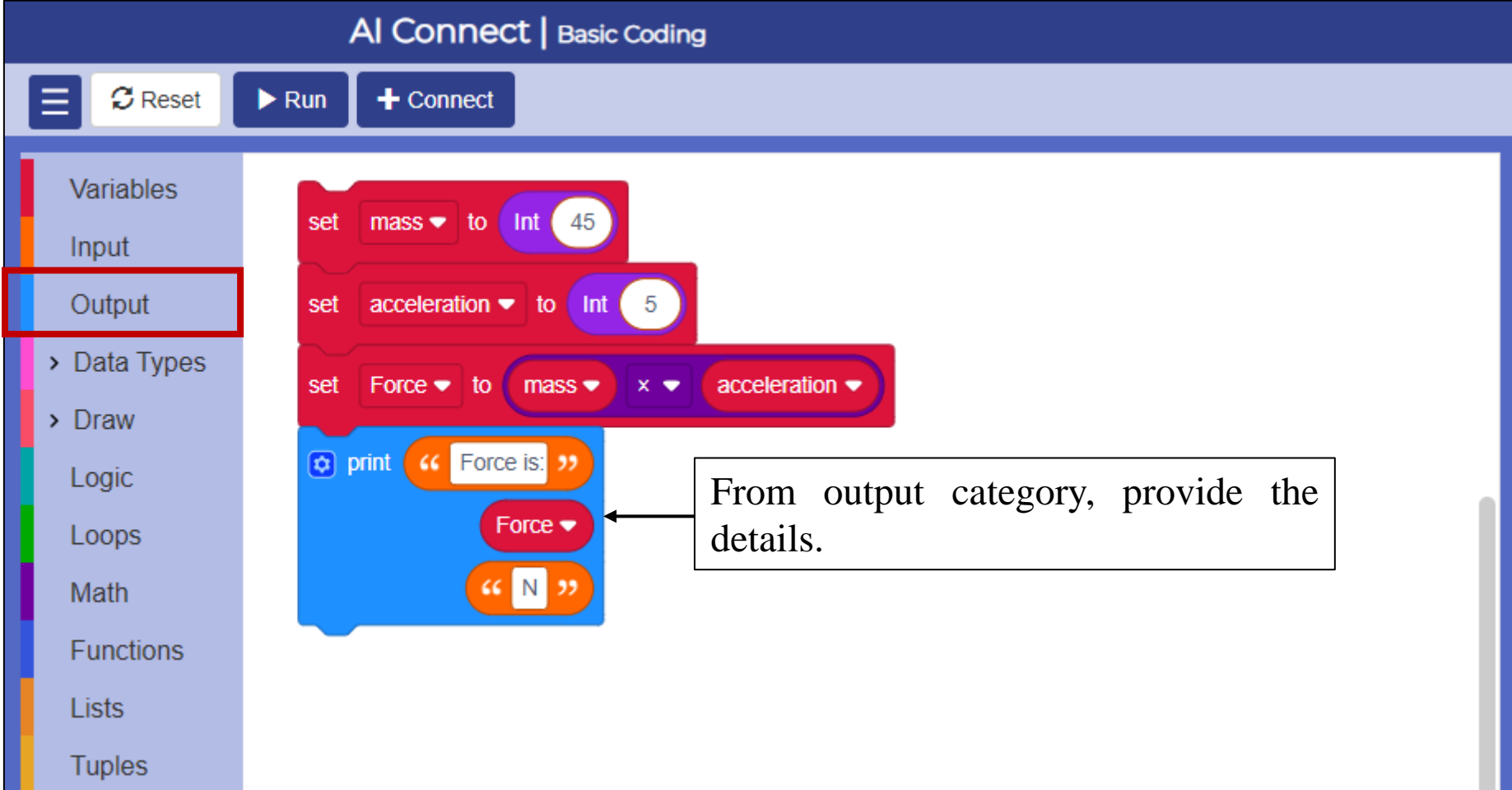
set Force to mass x acceleration

Place the variables '**mass**' and '**acceleration**' and change operator to multiplication.

LOGIC: Force = Mass * Acceleration

Activity: To find force.

STEP 5:



The screenshot shows the AI Connect Basic Coding interface. The left sidebar contains a menu with categories: Variables, Input, Output (highlighted with a red box), Data Types, Draw, Logic, Loops, Math, Functions, Lists, and Tuples. The main workspace displays a script with the following blocks:

- set mass ▼ to Int 45
- set acceleration ▼ to Int 5
- set Force ▼ to mass ▼ × ▼ acceleration ▼
- print "Force is: " Force " N "

A text box with an arrow pointing to the 'Force' variable in the print block contains the text: "From output category, provide the details."

Activity: To find force.

STEP 6: Click on  .

Force is: 225 N

NOTE: *Newton(N) is the SI unit of force.*



Thank you!!

