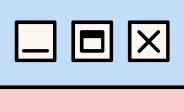


OUR AGENDA FOR TODAY



Arithmetic Order

Data Types

Expressions

Build Lines of code

Review



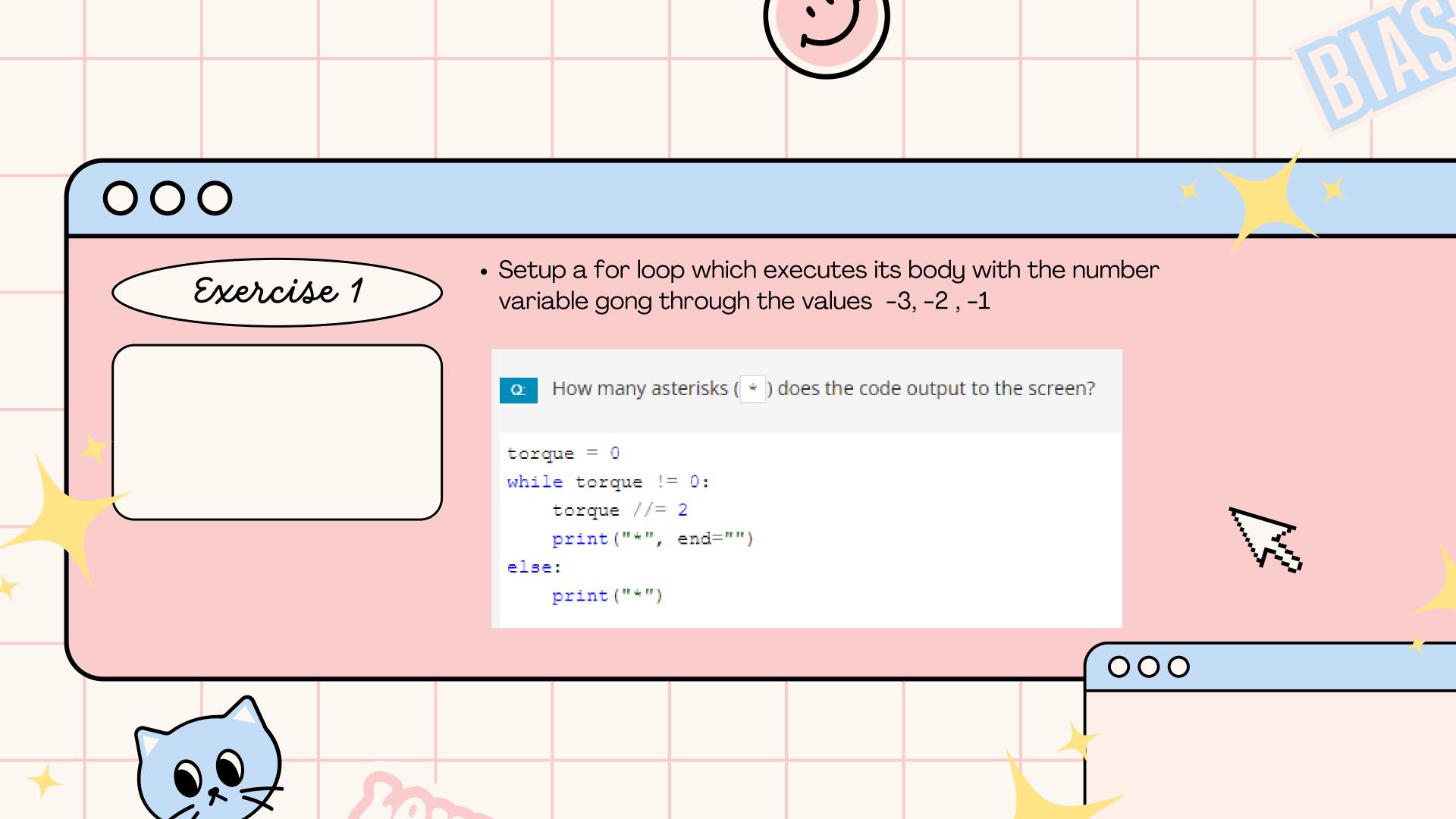
PEMDAS

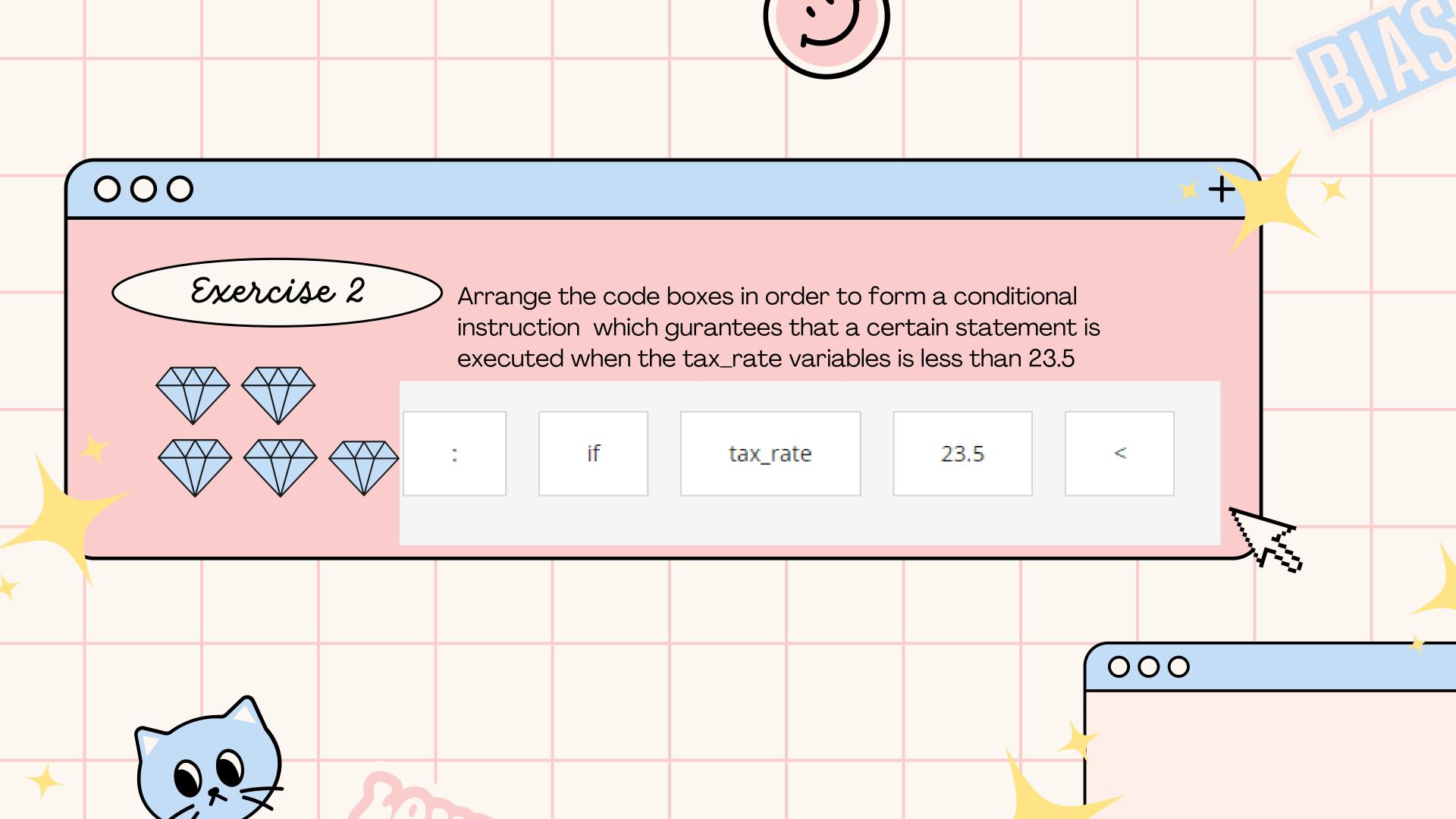
Parentheses: Operations enclosed within parentheses should be performed first. Parentheses are used to group parts of an expression and indicate that the operations within them should be evaluated before anything else.

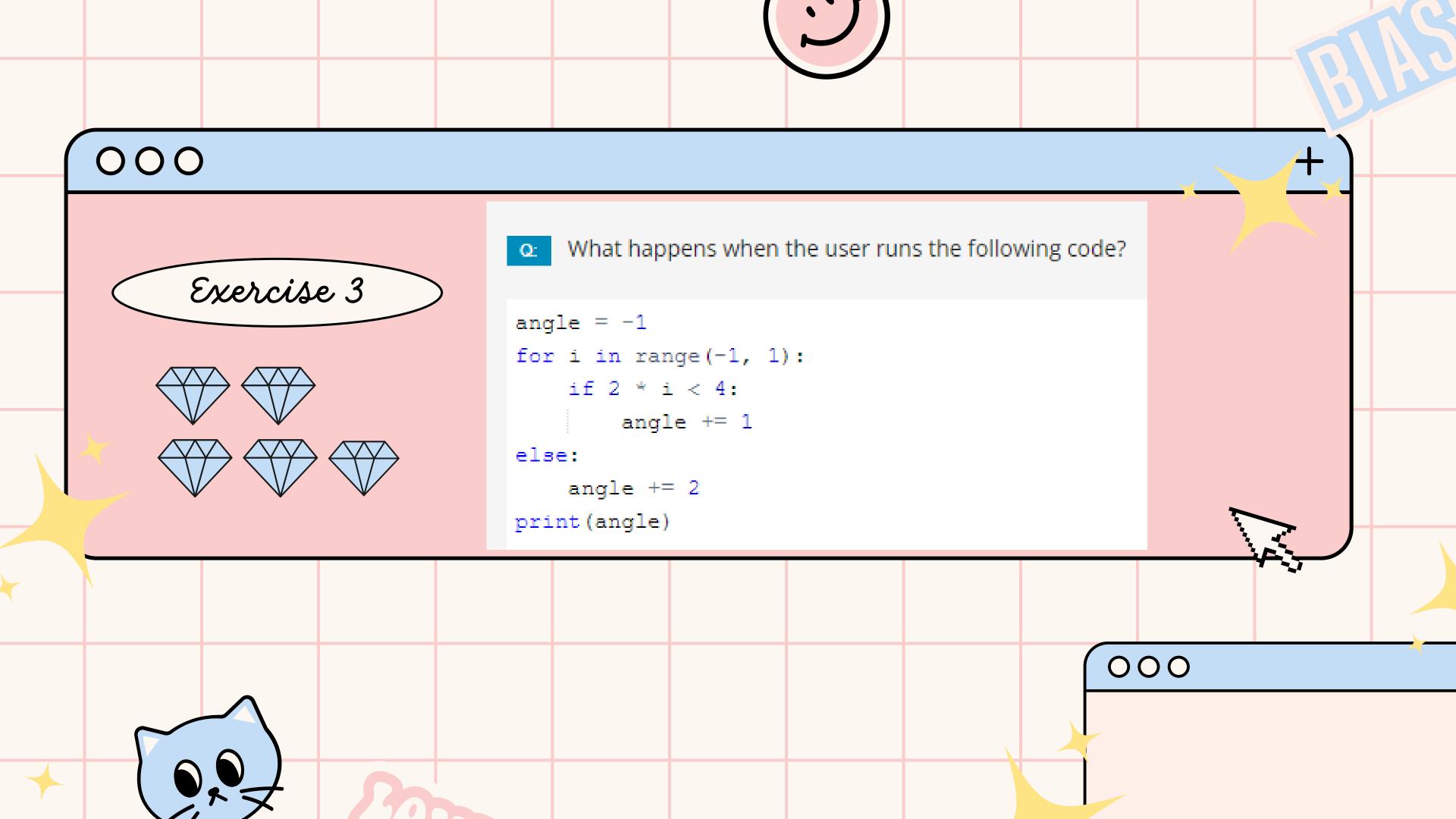
Exponents: After parentheses, the next step is to evaluate any exponents or powers. An exponent refers to the number of times a base number is multiplied by itself.

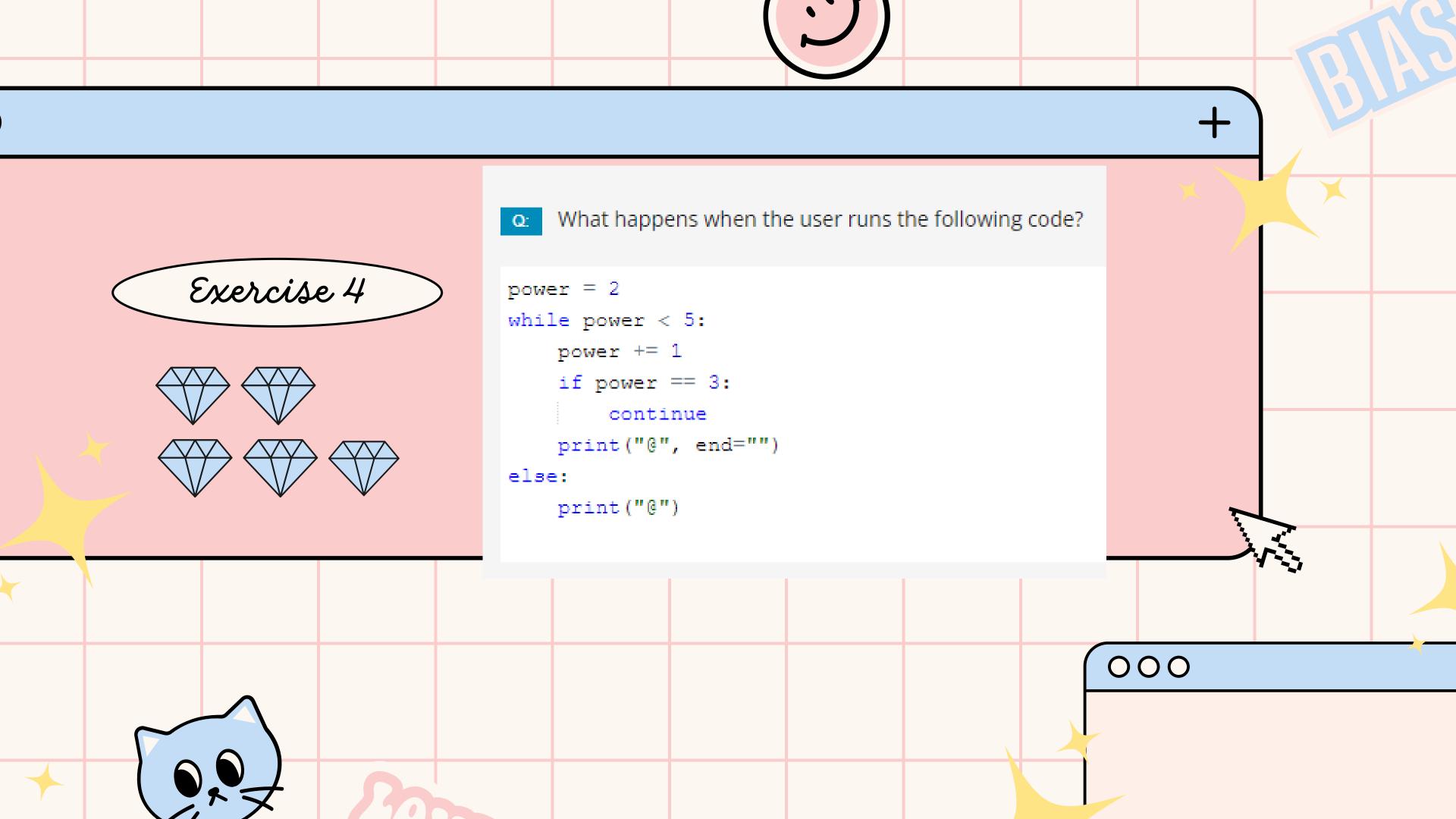
Multiplication and Division: After evaluating parentheses and exponents, multiplication and division operations are performed from left to right. These operations have equal precedence, so they are performed in the order they appear in the expression.

Addition and Subtraction: Finally, after completing the multiplication and division operations, addition and subtraction are performed from left to right. Like multiplication and division, these operations have equal precedence and are evaluated in the order they appear in the expression.









Drag and drop the conditional expressions to obtain a code which outputs ### to the screen.

(Note: some code boxes will not be used.)







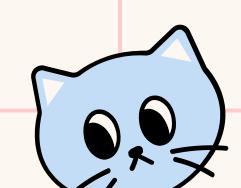
```
shift = 0
```

shift < 0

$$shift = 5 - 4 * 2$$

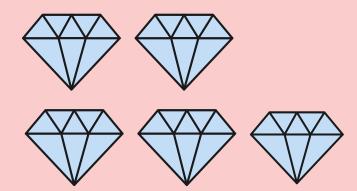
if
$$shift > 0$$
:





Q: What is the expected output of the following code?

Exercise 6



```
list_one = [1,2]
list_two = list_one[:]
list_two.append(3)
print(list_one[-1] + list_two[-1])
```

