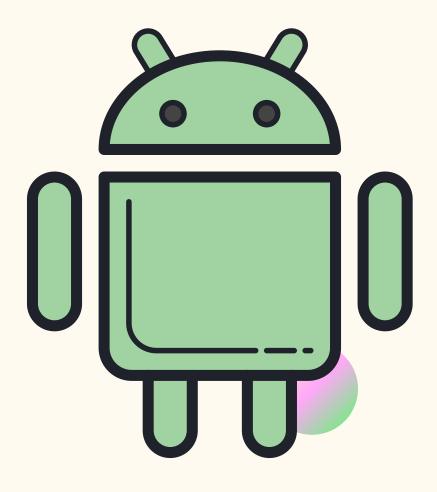
TASKS

SESSION ONE





1.Calculator: ADD, SUB, MUL, DIV

2. Receive the first name and last name from user using readLine()then print the full name



1) Write a program to print the following patterns:

*	*
**	**
***	***
***	***
****	****
****	****



- 1) Declare a variable any Value of type Any and assign it a value of 10. Use type casting to convert any Value to an Int and store it in a new variable int Value. Print the value of int Value to the console.
- 2) Declare a nullable variable text of type String? and assign it a value of null. Use a safe call operator to print the length of text if it is not null. Assign a non-null value to text and print its length again.





Create a string transformer function using higher-order functions in Kotlin. This function should accept a string (or a list of strings *Bouns) and a transformation function as parameters. The transformation function will define how the string(s) should be modified.

Implement the following transformation functions:

- 1. Capitalize First Letter: Capitalizes the first letter of each word in the string.
- 2. Reverse String: Reverses the characters in the string.
- 3. Add Question Mark: Appends a question mark (?) to the end of the string.



HINT: USE STRING BUILT IN FUNCTIONS