

## Programs on function parameter

1. Write a function `calculateDiscount` that takes two parameters: `price` and `discount` (with a default value of 10). The function should return the final price after applying the discount.
2. Create a function `mergeArrays` that takes two arrays as parameters and returns a new array that combines both arrays using the spread operator.
3. Write a function `logArguments` that takes any number of arguments and logs them to the console. Use rest parameters to collect the arguments.
4. Create a function `createMessage` that takes a default message and an indefinite number of names. The function should return an array of personalized messages for each name.
5. Define a function `sum` that takes three numbers as parameters and returns their sum. Use the spread operator to call this function with an array of numbers.
6. Write a function `createUserProfile` that takes three parameters: `username`, `age` (defaulting to 25), and `country` (defaulting to "Unknown"). Return an object with these properties.