- 1. Create a function greet that takes two positional arguments: name and greeting, and returns a personalized greeting message.
- 2. Write a function calculatePrice that takes two arguments: price and taxRate. If taxRate is not provided, it should default to 5%.
- 3. Create a function sumNumbers that takes an unknown number of arguments using the rest operator and returns their sum.
- 4. Create a function introduce that takes three positional arguments: firstName, lastName, and age, and returns a sentence introducing the person.
- 5. Write a function makeSandwich that takes two arguments: breadType and filling. The default value for breadType should be "whole wheat".
- 6. Create a function multiply that takes two positional arguments x and y, with a default value for y as 1, and returns the result of multiplying them.
- 7. Write a function getTotalPrice that takes an unknown number of prices as arguments using the rest operator and returns the total price.
- 8. Create a function buildSentence that accepts three arguments: subject, verb, and object. If no object is passed, it should default to "something".
- 9. Write a function addNumbers that takes an unknown number of numbers using the rest operator and returns the sum.
- 10. Create a function displayInfo that takes three arguments: name, age, and city. If no city is provided, it should default to "Unknown".
- 11. Write a function orderPizza that takes two arguments: size and topping. If no topping is provided, it should default to "cheese".
- 12. Create a function makeCoffee that takes one required argument type and an unknown number of optional ingredients using the rest operator.
- 13. Write a function introducePerson that takes two positional arguments name and profession, with profession defaulting to "Student".
- 14. Create a function findMax that accepts an unknown number of numbers using the rest operator and returns the maximum value.
- 15. Write a function buildPerson that takes two arguments: firstName and lastName, and returns an object representing the person.
- 16. Create an object car with primitive properties: brand, model, and year.
- 17. Create an object book with non-primitive properties: title, author, and reviews (where reviews is an array of review objects).
- 18. Create an object laptop with both primitive (brand, price) and non-primitive (features an array) properties.
- 19. Create an object person with a method greet that prints a greeting message using the name property.
- 20. Write a function buildTeam that takes an unknown number of team members using the rest operator and returns an array of their names.
- 21. Create a function discountPrice that takes two positional arguments: price and discountPercentage. If no discount is provided, it should default to 10%.

- 22. Write a function describePet that accepts two arguments: petName and petType. If no petType is provided, it should default to "dog".
- 23. Create a function calculateArea that accepts two arguments: length and width. If width is not provided, it should default to the same value as length (for a square).
- 24. Write a function joinStrings that accepts an unknown number of strings using the rest operator and returns them concatenated into one string.
- 25. Create a function createUserProfile that accepts three arguments: name, email, and role. If no role is provided, it should default to "user".
- 26. Write a function divideNumbers that takes two arguments: a and b, with b defaulting to 1 if not provided.
- 27. Create a function combineArrays that accepts an unknown number of arrays using the rest operator and returns one combined array.
- 28. Write a function introduceEmployee that takes two positional arguments: employeeName and position, with position defaulting to "intern".
- 29. Create a function findAverage that takes an unknown number of scores using the rest operator and returns the average score.
- 30. Write a function buildCar that accepts three arguments: brand, model, and year. If no year is provided, it should default to the current year.
- 31. Create a function registerUser that takes a required argument username and an unknown number of optional properties using the rest operator (e.g., email, age).
- 32. Write a function favoriteFood that takes one positional argument food and an unknown number of ingredients using the rest operator.
- 33. Create a function assignTask that accepts two arguments: task and employee, with employee defaulting to "Unassigned".
- 34. Write a function createShoppingList that accepts an unknown number of items using the rest operator and returns the shopping list as an array.
- 35. Create an object movie with primitive properties: title, genre, and year.
- 36. Create an object restaurant with non-primitive properties: name, menu (an array), and ratings (an array of rating objects).
- 37. Create an object phone with primitive properties brand, model, and price, and a method getInfo that returns a string with the phone's details.
- 38. Create an object student with both primitive (name, age) and non-primitive (subjects an array) properties.
- 39. Write a function greetFriends that takes one required argument greeting and an unknown number of friend names using the rest operator.
- 40. Create an object house with primitive properties address, size, and price, and a method getDetails that returns a description of the house.