

# Critical Thinking Task

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A repairing shop's signboard can be compared to a function as it displays the services they offer (e.g., "TV Repair", "Cell-Phone Repair", "Computer Repair"). All of these services are analogous to individual function. This is declaring a function as the shopkeeper has to first set up the shop before offering the services. Then, saying that I want to repair my computer is similar to calling a function. Furthermore, providing specific details about the issue or about the repair is like passing parameters to a function to expect a specific output with those arguments.

Finally when the device is repaired and returned to the customer with the cost of repair (bill) is the return value for that function.

In this analogy, the repair shop represents the function itself, the services offered are the function declarations, the specific issues with the devices are the parameters, bringing the device to the shop is the call, and receiving the fixed device is the return value.

Credits: 'Google AI studio' for ideating a scenario for which I can expand on and relate the working of functions