

```

var expenses = [];
function addExpense() {
    var category = getText("categoryInput");
    var amount = Number(getText("amountInput"));
    var income = Number(getText("incomeInput"));
    if (category === "" || isNaN(amount) || amount <= 0) {
        setText("summaryText", "Please enter a valid category and
amount.");
        return;
    }
    var expense = { category: category, amount: amount };
    expenses.push(expense);
    setText("categoryInput", "");
    setText("amountInput", "");
    displayExpenses(income);
}
function displayExpenses(income) {
    var total = 0;
    var displayText = "";
    for (var i = 0; i < expenses.length; i++) {
        displayText += (" " + expenses[i].category) + ": $" +
expenses[i].amount + "\n";
        total += expenses[i].amount;
    }
    setText("expensesText", displayText);
    setText("totalText", "Total Expenses: $" + total);
    displaySummary(total, income);
}
function displaySummary(totalExpenses, income) {
    var remainingBalance = income - totalExpenses;
    if (remainingBalance >= 0) {
        setText("summaryText", "Remaining Balance: $" +
remainingBalance);
    } else {
        setText("summaryText", "You are over budget by: $" +
Math.abs(remainingBalance));
    }
}
onEvent("addExpenseButton", "click", function() {
    addExpense();
});

```