

Tasks:

1. 11011.101_2 to $(?)_{10}$
2. $101101 + 10110$
3. $110010 - 100111$
4. Scenario: Budget Planning for a Family Vacation:

The Johnson family is planning a vacation, and they want to create a budget in Excel to track their expenses. They have a total budget of \$3000 for the trip. They want to use the IF function to determine if they have overspent their budget based on the expenses they enter into their Excel sheet.

Here are the details of their expenses:

1. Accommodation: \$800
2. Transportation: \$600
3. Food: \$400
4. Activities: \$500

The family wants to check if their total expenses exceed their budget of \$3000. If it does, they want Excel to display "Overspent," and if not, it should display "Within Budget."