Assignment Number 1

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Class Activity (Task)

This assignment applies the four pillars of computational thinking — decomposition, pattern recognition, abstraction, and algorithm design — to plan a weekend getaway to Murree. The goal is to show how structured thinking can simplify real-life planning and make the trip smooth and enjoyable.

Q. 1: How can you break down the trip planning process into smaller, manageable tasks?

To make the planning easier, the whole process can be divided into smaller parts. First, confirm the travel dates and total duration of the trip. Next, decide on the mode of transport and arrange bookings if required. After that, select and reserve accommodation. Once these basics are done, prepare a budget covering travel, stay, meals, and activities. Then, list down tourist spots to visit, followed by creating a packing checklist. Finally, recheck all bookings and finalize the plan.

Q. 2: What patterns can you identify from your past travel experiences?

From past trips, some useful patterns become clear. For example, booking in advance often reduces costs and avoids last■minute problems. Packing according to the weather, especially for hill stations like Murree, is always necessary. Carrying extra cash, keeping essential medicines, and ensuring confirmed hotel bookings are also repeating patterns that help avoid common issues. These patterns can guide future travel plans.

Q. 3: What are the essential elements to consider when planning a trip?

Important factors include the mode of transport, type and location of accommodation, overall budget, and weather conditions. It is also necessary to check the availability of food options, safety measures, and accessibility to attractions. Taking these elements into account ensures that the trip is comfortable, enjoyable, and within budget.

Q. 4: How can you create a step-by-step plan to ensure a successful trip?

A systematic plan makes the trip successful. The steps can be as follows:

1. Decide dates and trip duration.
2. Book transport (car/bus) and accommodation.
3. Allocate a budget with some margin for unexpected costs.
4. Plan the itinerary (Mall Road, Kashmir Point, Patriata, etc.).
5. Prepare a packing list including clothes, medicines, and essentials.

6. Confirm all bookings and share the plan with family/friends.
7. Execute the trip and make adjustments if needed.

By following these steps in order, all major aspects are covered and the chances of facing difficulties are reduced.

This structured approach shows how computational thinking can be applied outside the classroom. By breaking the process into tasks, learning from patterns, focusing on essentials, and designing a clear step-by-step plan, a weekend getaway can be both enjoyable and well-managed.