

# Class Activity 1

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Section: B

## Question: 1

### Decomposition:

The trip can be broken into smaller tasks such as deciding travel arrangements, booking accommodation, preparing a packing list, setting a budget, planning sightseeing places, and keeping safety measures like weather updates and emergency contacts.

## Question: 2

### Pattern Recognition:

From past travel experiences, I can see patterns like forgetting essentials, facing delays, saving money by booking early, quick weather changes in hilly areas and problems caused by overpacking. These lessons help avoid mistakes.



## Question : 3

### Abstraction:

The main elements to focus on are transport accomodation, food, budget, safety and sightseeing places.

## Question : 4

### Algorithm Design:

A step by step plan would be.

- 1) Decide dates and budget
- 2) Book transport and hotel
- 3) Make and follow a parking list.
- 4) Check weather forecast
- 5) Leave on time to avoid delays
- 6) Visit planned places
- 7) Take breaks for food and rest.
- 8) Return safely as planned.