

Date:

M T W T F S

CLASS ACTIVITY

Assignment NO 01 (Computational Thinking)

QNO1; How can you breakdown the trip planning process into smaller, manageable tasks?

Decomposition

- Decide dates & trip length (e.g; Friday morning to Sunday night).
- Set budget (travel, hotel, food, activities).
- Transport (car, bus, fuels, routes, tolls).
- Accommodation (Shortlist hotels, compare prices, book, confirm)
- Make Itinerary (daily plan).
- Pack clothes and things.
- Keep ID, money, bookings.
- Prepare first aid and contacts.

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Q No 2; What patterns can you identify from your past travel experiences?

Pattern Recognition

- Always add buffer time for traffic on Murrumbidgee Expressway.
- Accommodation fills up fast on weekends so always book in advance.
- Don't overpack.
- Carry a jacket/umbrella no matter what forecast says.
- Always keep extra cash.
- Go early/late to avoid crowds

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QNO3; What are the essentials elements to consider when planning a trip?

Abstraction

- Time (when and how long)
- Money (Budgeting and expenses)
- Transport (how to get there)
- Stay (where to sleep)
- Activities (what to do)
- Safety & Essentials (first aid, documents).

QNO4; How can you create a Step-by-Step plan to ensure a successful trip?

Algorithm Design

- Pick dates (Friday morning - Sunday)
- Set budget (around 50K PKR).
- Book hotel
- Arrange car/bus
- Plan;

Day 1: Travel, check-in, dinner

Day 2: Mall Road, Kashmir Point

Day 3: Nathiya Gali, Shopping, Return

- Pack clothes, jackets, meds
- Keep ID, bookings
- Follow Plan but stay flexible.