# Assignment no1

Fatima Tariq

FA24-BBA-021-A

Programming

# Planning Process for Weekend Getaway to Murree

1. Decomposition (Break the big task into smaller tasks):

Trip planning can be divided into manageable parts:

* Decide travel dates and duration (weekend).
* Arrange transportation (car, bus, or rented vehicle).
* Book accommodation (hotel, guest house, or Airbnb).
* Plan sightseeing (Mall Road, Patriata, Pindi Point, Kashmir Point, etc.).
* Arrange meals (restaurants, snacks, tea spots).
* Pack necessary items (warm clothes, medicine, documents, charger).
* Estimate and arrange budget.
* Safety measures (first aid kit, emergency contacts).

1. Pattern Recognition (Use past travel experiences):

From previous trips, common patterns are:

* Always need to book transport/accommodation in advance.
* Traffic and rush are common in Murree on weekends → plan early departures.
* Food and fuel expenses are always higher than expected.
* Warm clothing is necessary due to cold weather.
* A backup plan (alternate hotel or route) is useful.

1. Abstraction (Focus only on important details):

Instead of worrying about unnecessary details:

* Focus on main destinations (2–3 sightseeing spots, not all).
* Select must-have items (ID card, warm clothes, money).
* Ignore minor choices like which café to stop at unless necessary.
* Consider the core goals: relaxation, enjoyment, safe travel, within budget.

1. Algorithm Design (Step-by-step plan):

Here’s the structured trip algorithm:

* Decide travel dates (Friday evening – Sunday night).
* Arrange transportation (book seats in advance or prepare car).
* Book hotel in Murree online or by call.
* Pack essentials (clothes, medicines, chargers, food items).
* Leave early to avoid traffic.
* Reach Murree → check in at hotel.
* Visit Kashmir Point & Mall Road (Day 1 evening).
* Visit Patriata/Chairlift (Day 2 morning).
* Lunch at a recommended restaurant.
* Shopping and relaxation (Day 2 evening).
* Return journey (Day 3 afternoon).
* Review expenses and memories.