M T W T F S

DATE: 9/9/25

Name:- ABDUL-AHAD
Roll no: FA24-BBA-002

Plan a Weekend getaway to murree, applying the four pillars of computational thinking.

1) Decomposition
2) Pattern Recognition
3) Abstraction
4) Algorithm design.

1) Decomposition

Define goal & constrain:

- Goal: Weekend gateway to murree (Departure → Return)
- Constrain: Number of people, max-budget, transport mode, weather, time available.
- Arrange transport: Bus, Van
- Book acomodation: Hotel, Guest house.
- Plan activity: Shopping, food
- Plan essentials: Clothes, medicines.

M T W T F S DATE:

- Prepare contigency plan: emergency Cash.

2) Pattern From Past Travel

- Heavy trafic on weekend → leave early
- Hotel fill fast → book in advance
- Wheather colder in hills → warm clothe
- Best time to leave is morning!.

3) Abstraction:-

- People, dates, budget, stay and transport.
- Focus only key detail (transpot + food)
- Other thing can deaple letter

4) Step-by-Step (Algorithm Design)

1) Finalize date and budget
2) Book hotel and transport
3) Make a 2 day plan
4) Check wheather

M T W T F S DATE:

5) Start trip on time
6) Follow activities plan (Shopping + Return)
7) Use backup plane, If trafic/ weather issue occures.