

Assignment-2

Problem Statement 1 – Arranging Clothes in an Almirah

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Algorithm: Arrange Clothes in an Almirah

1. Start
2. Take input n, the number of shelves in the almirah.
3. Identify all clothing categories (formal wear, casual wear, traditional wear, etc.).
4. Group clothes based on their category.
5. Assign one or more shelves to each category depending on the number of clothes.
6. Place frequently used clothes on middle shelves for easy access.
7. Place less frequently used clothes on top or bottom shelves.
8. Arrange clothes neatly to maximize space utilization.
9. Label each shelf with its clothing category for quick identification.
10. End

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Problem Statement 2 – Arranging Clothes in a Luggage Bag

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Algorithm: Arrange Clothes in a Luggage Bag

1. Start
2. Select destination and determine activities for the 7-day trip.
3. List all required clothes and accessories based on activities.
4. Separate clothes into categories such as daily wear, formal wear, and delicate items.
5. Roll regular clothes to save space.
6. Place heavy items at the bottom of the luggage bag.
7. Place rolled clothes on top of heavy items.
8. Pack delicate clothes separately using protective covers.
9. Keep frequently needed items on top for easy access.
10. Ensure maximum space utilization and proper arrangement.
11. Close the luggage bag securely.
12. End

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