

## New Hire Training Pre-Assessment

1. Implement the following logic to arrive at the loan eligibility for an employee:
  - a. For an unmarried permanent job holder, if the service has been for 30 years or more, the loan amount is Rs. 5,00,000. Otherwise the loan amount is Rs. 2,50,000.
  - b. For a married permanent job holder, if the service has been for 30 years or more, the loan amount is Rs.6,00,000. Otherwise the loan amount is Rs. 3,50,000.
  - c. For temporary job holder, the loan amount is Rs. 1,00,000.

Given the following input and check the loan eligibility.

1. a married temporary job holder.
  2. an unmarried temporary job holder.
  3. a temporary job holder with 30 years of service.
  4. a married permanent job holder with 30 years' service.
  5. an unmarried permanent job holder with 30 years' service.
  6. a married permanent job holder with 25 years of service.
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2. Write a logic to validate an email-ID.
    - a. Email id should not start with '.' and '@'
    - b. Email id should end with either 'm' or 'n'
    - c. Email id should have '@' only once
    - d. should have '.' after '@' symbol but not immediately
    - e. '\_' should come before '@' symbol. (if any)
    - f. Length should be minimum 10 and maximum 30

3. Create an Original array and Key array, find the count of each key array element in original array.

Original Array:

33	10	43	33	89	10	33
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Key Array:

10	43	33	65
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Output Array:

2	1	3	0
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