1.Scenario: A system checks if a user is eligible to vote based on their age.
 Logic:

       i.   Ask the user to "Enter the age"
      ii.   Check whether the age is above/ equal to 18 or not
     iii.   If age is 18 or greater, print "Eligible to vote"
     iv.   If not, print "Not Eligible to Vote"

2.Scenario: A program processes a list of numbers and needs to find the largest value.
 Logic:

      i.   Read the list of numbers
     ii.   Assume the largest number will be the first value of the list
    iii.   Iterate over the given list and check if the current element of the list are greater than the current largest value.
    iv.   If that element is greater than the current largest number, then store it as the largest value.
     v.   At the end, Return the largest number.

3.Scenario: A company provides employees with a 10% bonus if their salary exceeds $50,000

Logic:

      i.   Read the employe salary
     ii.   If the salary exceeds $50,000 then calculate with a 10% bonus
    iii.   Else, consider zero percent bonus
    iv.   Return the calculate bonus amount.

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4. Scenario: A program evaluates a number to determine if it is even or odd.
 Logic:

      i.   Read the given numbers
     ii.   If the given number is whether divisible by 2.
    iii.   Then print "Even"
    iv.   Else, print "Odd"

5.Scenario: A text-processing tool reverses a given word or sentence for formatting purposes.
 Logic:

      i.   Read the given word or sentence
     ii.   Split the string into words
    iii.   Reverse the order of words
    iv.   Then join the words into string
     v.   Return the reverse word or sentence

6. Scenario: A grading system determines whether a student has passed or failed based on their score.
 Logic:

     i.   Read the score of the student
    ii.   If score is 40 or greater, then print "Passed"
   iii.   Else, print "Failed"

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7. Scenario: A retail store offers a 20% discount if a customer's total order exceeds $100.
 Logic:

     i.   Read the customer's total order
    ii.   If the total order exceeds $100, then calculate 20% discount
   iii.   Subtract the discount amount from the total amount
   iv.   Return the final amount to be paid.

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8. Scenario: A banking system processes withdrawal requests and ensures the user has enough balance.
 Logic:

     i.   Read the account details and the withdrawl request
    ii.   If the account balance is equal or greater than the requested withdrawl amount, then print "Proceed for withdrawl"
   iii.   Subtracting the withdrawl amount from the previous account balance and then updated the final balance amount.
   iv.   Else, print "Insufficient balance".

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9. Scenario: A calendar system verifies whether a given year is a leap year based on standard leap year rules.
 Logic:

     i.   Read the given input year
    ii.   If the given year is divisible by 4, then print "It is a leap year"
   iii.   Then check whether the given year is divisible by 400 and 100, then print "It is a leap year"
   iv.   If the given year is divisible by 400 but not divisible by 100, then print "It is a leap year"
    v.   Else, print "It is not a leap year".

10. Scenario: A program filters out only even numbers from a given list.

Logic:

    i. Read the numbers from a given list
    ii. Create the empty new list
    iii. If the given number is divisible by 2, then print "Even"
    iv. Iterating through the list and check it is divisible by 2
    v. If divisible then appending numbers to a new list.
    vi. Return the even numbers list.