**1.logic to repeatedly prompt the user until they enter a valid integer.**

Get the input from the user

Check for the input using isdigit

If it is a valid integer print the input is valid

Else print not valid

1. **Logic to find most frequent occuring value:**

Get the user input in list of numbers

Keep max\_count=0

Using “for” loop through each numbers in the list

Count the numbers using another for loop

Print the maximum count and add it in the max\_count

1. **Write logic to determine whether two given strings are anagrams.**

Take 2 input words from the user

Using sorting sort both the words

Check the letters in word 1 and in word 2

Letters In word 1 is in letters of word 2

Print anagram

Else print not anagram

**4.Write logic to count the number of vowels in a given string**

Take the input as a word from the user

Assign count=0

Assign the vowels “AEIOUaeiou” to a variable

Check the input with the letters in the variable

If the letters is present add it to the count

Print count

**5.Write logic to reverse the order of words in a sentence while keeping the words themselves intact.**

Take the input as a sentence from the user

Using reverse function reverse the input [::-1]

Print the output

1. **To find the Missing number in the list:**
2. Take the user input as n+1
3. Expected sum = n(n+1)//2
4. Find the sum of numbers
5. missing = expected - actual sum
6. Print the missing
7. **Write logic to allow a withdrawal only if the balance is sufficient.**
8. Take the balance as input
9. Take the withdrawal amount as input
10. If the withdrawal amount greater than the balance
11. Print there is no sufficient balance
12. Else print the withdrawal amount
13. **Logic to check duplicate values in the list**

Take the list of numbers from the user as input

Use for loop in the range of len of the list

With another loop check the same values appears again

Compare both the values and if there is repeated values

Print duplicates found

Else print no duplicates

**9.Write logic to calculate the sum of all digits in a given integer.**

Get all the numbers from the user as input

Assign count=0

Using for loop iterate all the numbers

Add this number to the count

Print count

**10.Logic to check panagram:**

Get the input from the user in the lower case

Assign all the alphabets to a variable

Loop through each letter

Check for the letters is present in the input

If it is present print panagram

Else print not a panagram