

***Problem 1: 1: Check if a number is Even or Odd***

Description: You need to check whether the given number is divisible by 2. If yes, it is Even, otherwise Odd.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 2: 2: Check if a number is Weird or Not***

Description: A number is considered 'Weird' if it is even and between 6 and 20 inclusive. Otherwise, it is 'Not Weird'.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 3: 3: Determine if a year is a Leap Year***

Description: A year is a Leap Year if it is divisible by 400, or divisible by 4 but not by 100.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 4: 4: Bookshelf problem for an e-commerce company***

Description: Given the total number of books and the capacity of one shelf, determine the minimum shelves required.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 5: 5: Print the next number from an integer***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 6: 6: Free coffee cups based on purchase count***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 7: 7: Extract digits from a number***

Description: Interpret and solve based on the problem title.  
Input Format:  
Define the input values as per the problem statement.  
Output Format:  
Define the output values as per the problem requirement.

***Problem 8: 8: Sum of digits of a number***

Description: Interpret and solve based on the problem title.  
Input Format:  
Define the input values as per the problem statement.  
Output Format:  
Define the output values as per the problem requirement.

***Problem 9: 9: Sum of even digits in a number***

Description: Interpret and solve based on the problem title.  
Input Format:  
Define the input values as per the problem statement.  
Output Format:  
Define the output values as per the problem requirement.

***Problem 10: 10: Sum of odd digits in a number***

Description: Interpret and solve based on the problem title.  
Input Format:  
Define the input values as per the problem statement.  
Output Format:  
Define the output values as per the problem requirement.

***Problem 11: 11: Sum of prime digits in a number***

Description: Interpret and solve based on the problem title.  
Input Format:  
Define the input values as per the problem statement.  
Output Format:  
Define the output values as per the problem requirement.

***Problem 12: 12: Sum of digits divisible by 3***

Description: Interpret and solve based on the problem title.  
Input Format:  
Define the input values as per the problem statement.  
Output Format:  
Define the output values as per the problem requirement.

***Problem 13: 13: Count number of digits in a number***

Description: Interpret and solve based on the problem title.  
Input Format:  
Define the input values as per the problem statement.  
Output Format:  
Define the output values as per the problem requirement.

***Problem 14: 14: Reverse an integer***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 15: 15: Check for a Duck number***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 16: 16: Count occurrences of a digit in a number***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 17: 17: Check if a number is Palindrome***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 18: 18: Match Birth Day from Date***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 19: 19: Convert Decimal to Binary***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 20: 20: Lucky Customer number logic***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 21: 21: Christmas Offer calculation***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 22: 22: Check if a number is a Niven number***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 23: 23: Special Two Digit Number***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 24: 24: Sum of even numbers in a range***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 25: 25: Convert Celsius to Fahrenheit***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 26: 26: Convert Fahrenheit to Celsius***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 27: 27: Find sum of arithmetic sequence***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 28: 28: Count steps to climb stairs***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 29: 29: Check if a number is Prime***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 30: 30: Check if a string is a valid Palindrome***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 31: 31: Create a PIN from three digits***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 32: 32: Count special characters in a string***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 33: 33: New Year holiday discount logic***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 34: 34: Validate email address format***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 35: 35: Generate data encryption key***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 36: 36: Find first capital letter in a string***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 37: 37: Toggle case of a given string***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 38: 38: Count number of misses in a game***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 39: 39: Black Jack scoring function***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 40: 40: Secure data transmission system***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 41: 41: Generate One Time Password***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 42: 42: Prime number -related application***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 43: 43: Holiday discount calculation***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 44: 44: War of Numbers - Even vs Odd sum***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 45: 45: Check for a Perfect Number***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 46: 46: Validate Magic Date***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 47: 47: Oddish or Evenish based on sum***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 48: 48: Calculate length of a video***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 49: 49: Find the next prime number***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 50: 50: Sum of digits between two numbers***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 51: 51: Defang an IP Address***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 52: 52: Jewels and Stones problem***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.



***Problem 53: 53: Check if string is a shuffled version***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 54: 54: Get word count from sentence***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 55: 55: Check if string ends with another string***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 56: 56: Shuffle the characters in a name***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 57: 57: Reverse the order of words in a string***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 58: 58: Re -form the word from fragments***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 59: 59: Check if two words are Anagrams***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 60: 60: Max occurring character in string***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 61: 61: Color of a chessboard square***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 62: 62: Find the bomb in a string***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 63: 63: Count number of vowels***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 64: 64: Count X's and O's***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 65: 65: Stuttering function output***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 66: 66: Repeat letters based on condition***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 67: 67: Double letters checker***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 68: 68: Board Game logic***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 69: 69: Remove vowels from string***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 70: 70: Space between each character***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 71: 71: Replace every vowel***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 72: 72: Say Hello or Bye based on input***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 73: 73: Check for valid ZIP code***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 74: 74: Return middle character of a string***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 75: 75: Find index of first vowel***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 76: 76: Longest word in a sentence***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 77: 77: Print all permutations of a string***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 78: 78: Remove duplicate characters***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 79: 79: Swap corner words and reverse middle***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 80: 80: Validate hexadecimal color code***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 81: 81: Filter even -length words***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 82: 82: Change every letter to the next one***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 83: 83: Get first N vowels from a string***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 84: 84: Check if string is in alphabetical order***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 85: 85: Convert integer to English words***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 86: 86: Censored strings with asterisks***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 87: 87: Check parentheses balance***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 88: 88: American keyboard row match***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 89: 89: Rotate a string***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 90: 90: Find missing letters***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 91: 91: Replace letters with their position***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 92: 92: Replace char with occurrence index***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 93: 93: Find first non -repeating character***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 94: 94: Check if string is a Pangram***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 95: 95: Print first letter of each word***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 96: 96: Number of vowels in string***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 97: 97: Number of consonants in string***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 98: 98: Check if string has only digits***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 99: 99: Capitalize first character of every word***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.

***Problem 100: 100: Reward student based on behavior***

Description: Interpret and solve based on the problem title.

Input Format:

Define the input values as per the problem statement.

Output Format:

Define the output values as per the problem requirement.