

|               |   |
|---------------|---|
| 1             | <b>WAP To Print all Integers that Are Divisible by Either 2 or 3 and Lie between 1 and 50.</b>  |
| 2             | <b>WAP To Print all Integers that Are not Divisible by Either 2 or 3 and Lie between 1 and 50.</b>  |
| 3             | <b>WAP which will find all such numbers which are divisible by 7 but are not a multiple of 5, between 2000 and 3200 (both included).<br/>The numbers obtained should be printed in a comma-separated sequence on a single line.</b> |
| 4             | <b>WAP To Find and print all the Divisor(factors) of a given Integer number.</b>  |
| 5             | <b>WAP To Find the Smallest Divisor(factors) of a given Integer number.</b>   |
| 6             | <b>WAP To Find the largest Divisor(factors) of a given Integer number.</b>  |
| 7             | <b>WAP To Find and print the even Divisor(factors) of a given Integer number.</b>   |
| 8             | <b>WAP To Find and print the odd Divisor(factors) of a given Integer number.</b>  |
| 9             | <b>WAP To Find the Sum of the Series: <math>1 + (x^2)/2 + (x^3)/3 + \dots (x^n)/n</math>.</b>   |
| 10            | <b>WAP to compute <math>1/2+2/3+3/4+\dots+n/n+1</math> with a given n input by console (<math>n&gt;0</math>).</b>   |
| 11            | <b>WAP To Check if a Number is a Perfect Number or not.</b>   |
| 12            | <b>WAP To print the series of Perfect Numbers for a given range.</b>  |
| 13            | <b>WAP To print the series of even Perfect Numbers for a given range.</b>   |
| 14            | <b>WAP To Find all Numbers in a Range which are Perfect Squares and Sum of all Digits in the Number is Less than 10</b>   |
| <b>STRING</b> |   |
| 15            | <b>WAP which accepts a string from the user and prints the characters of the given string.</b>  |
| 16            | <b>WAP which accepts a string from the user and prints it in reverse order of the string.</b>   |
| 17            | <b>WAP which accepts a string from the console and prints the characters that have even indexes.</b>  |
| 18            | <b>WAP which accepts a string from the console and prints the characters that have odd indexes.</b>   |

|                      |  |
|----------------------|--|
|                      |  |
| 19                   | <b>WAP Take in Two Strings and Display the new Larger String without Using any Built-in Functions.</b>   |
| 20                   | <b>WAP to all Occurrences characters should be replaced to \$ in a given String.</b>   |
| 21                   | <b>Write a program that accepts sequence of lines as input and prints the lines after making all characters in the sentence capitalized.</b>   |
| 22                   | <b>Write a program that accepts a sequence of lines as input and prints the lines after making it in the sentence should be the Title case.</b>  |
| 23                   | <b>WAP that accepts a sequence of whitespace separated words as input.</b>   |
| 24                   | <b>Write a program that accepts a sequence of whitespace separated words as input and prints the words after removing all duplicate words.</b>   |
| 25                   | <b>WAP to Remove the nth Index Character from a given String.</b>  |
| <b>LIST or TUPLE</b> |  |
| 26                   | <p><b>Write a program which accepts a sequence of comma-separated numbers from the console and generates a list and a tuple which contains every number.</b></p> <p><b>Suppose the following input is supplied to the program:</b></p> <p><b>34,67,55,33,12,98</b></p> <p><b>Then, the output should be:</b></p> <p><b>[‘34’, ‘67’, ‘55’, ‘33’, ‘12’, ‘98’]<br/>(‘34’, ‘67’, ‘55’, ‘33’, ‘12’, ‘98’)</b></p> |
| 27                   | <b>WAP to store the 5 integer numbers in a List or tuple.</b>  |
| 28                   | <b>WAP to find the largest number in a given List or tuple.</b>  |
| 29                   | <b>WAP to find the top 3 largest numbers in a given List or tuple.</b>   |
| 30                   | <b>WAP to find the smallest number in a given List or tuple.</b>   |
| 31                   | <b>WAP to find the top 3 smallest numbers in a given List or tuple.</b>  |
| 32                   | <b>WAP to store the even numbers in a given list.</b>  |
| 33                   | <b>WAP to store the odd numbers in a given list.</b>   |
| 34                   | <b>WAP to find out and store the factorial of given numbers in a list.</b>   |

|    |   |
|----|---|
| 35 | <b>WAP To separate the even and odd elements in a list into two different lists.</b>  |
| 36 | <b>WAP to modify the new value into the specific position of the given list.(using slicing).</b>  |
| 37 | <b>WAP to modify the new value into the specific position of the given list.(without using slicing).</b>  |
| 38 | <b>WAP To Create a List of Tuples with the First Element as the Number and Second Element as the Square of the Number.</b>  |
| 39 | <b>WAP To Create a List of tuples with the First Element as the cube of the number and Second Element as the Number.</b>  |
| 40 | <b>WAP To Read a List of Words from the user and Return the Length of the Longest One word.</b>   |
| 41 | <b>WAP To Read a List of Words from the user and Return the Length of the first Longest One word.</b>   |
| 42 | <b>WAP To Read a List of Words from the user and Return the Length of the smallest One word.</b>  |
| 43 | <b>WAP To Find each element occurs is a List.</b>   |
| 44 | <b>WAP To Find each element repeat is a List.</b>   |
| 45 | <b>WAP To Find Element Occurring evenNumber of Times in a List</b>  |
| 46 | <b>WAP To Find Element Occurring Odd Number of Times in a List.</b>   |
| 47 | <b>WAP To Sort it in ascending order in a given list.</b>   |
| 48 | <b>WAP To sort it in descending order in a given list.</b>  |
| 49 | <b>WAP To Merge Two Lists and Sort it in ascending order.</b>   |
| 50 | <b>WAP To Merge Two Lists and Sort it in descending order.</b>  |
| 51 | <b>WAP To Sort the List According to the Second Element in Sublist of given list.</b><br>a=[['A',34],['B',21],['C',26]]<br><b>o/p:</b> [[['B',21],['C',26],['A',34]]] |
| 52 | <b>Write a program that accepts a comma separated sequence of words as input and prints the words in a comma-separated sequence after sorting them</b>                |

|                   |   |
|-------------------|---|
|                   | <p>alphabetically.</p> <p>Suppose the following input is supplied to the program:</p> <p>without,hello,bag,world</p> <p>Then, the output should be:</p> <p>bag,hello,without,world</p>  |
| 53                | <b>Write a program that accepts a sequence of whitespace separated words as input and prints the words after removing all duplicate words and sorting them alphanumerically.</b>  |
| 54                | <b>WAP to find out the Two Strings are Anagrams or not.</b>   |
| 55                | <b>WAP To Find the Second Largest Number in a List Using Bubble Sort.</b>   |
| 56                | <b>WAP To Find the Second smallest Number in a List Using Bubble Sort.</b>  |
| 57                | <b>WAP To Sort a List According to the Length of the Elements in the given list.</b>  |
| 58                | <p>Write a program to generate all sentences where the subject is in ["I", "You"] and the verb is in ["Play", "Love"] and the object is in ["Hockey","Football"].</p> <p><b>Output:</b>[“I Play Hockey”, “I Love Hockey”,“I Play Football”, “I Love Football”,<br/>“You Play Hockey”, “You Love Hockey”,“You Play Football”, “You Love Football”, ]</p>     |
| 59                | <b>WAP To Remove the Duplicate Items from a List</b>  |
| 60                | <b>WAP To Remove the ith Occurrence of the Given Word in a List (where Words can Repeat)</b>  |
| <b>DICTIONARY</b> |   |
| 61                | <p><b>WAP to generate a dictionary that contains (i, i*i) such that is an integral number between 1 and n (both included) and then the program should print the dictionary.</b></p> <p>Suppose the following input is supplied to the program:</p> <p>8</p> <p>Then, the output should be:</p> <p>{1: 1, 2: 4, 3: 9, 4: 16, 5: 25, 6: 36, 7: 49, 8: 64}</p> |
| 62                | <b>WAP to Concatenate Two Dictionaries Into One dictionary.</b>   |
| 63                | <b>WAP to Sum All the values in a Dictionary.</b>   |

|    |  |
|----|--|
| 64 | <b>WAP to Sum All the keys in a Dictionary.(keys should be integers).</b>                          |
| 65 | <b>WAP to Multiply All the values in a Dictionary.</b>   |
| 66 | <b>WAP to Count the Frequency of Words Appearing in a String Using a Dictionary.</b>               |
| 67 | <b>WAP Dictionary with Key as First Character and Value as Words Starting with that Character.</b> |