

204 Programming Skills Practical Assignment

Sr No	Problem Definition
1	Write a menu driven program to perform following operation for 2-D Numeric Matrix of size 2 by 2: <ol style="list-style-type: none"> 1. Matrix Addition 2. Matrix Multiplication 3. Transpose of Matrix
2	Write a menu driven program to perform following operation for 2-D character array: <ol style="list-style-type: none"> 1. Search Element. 2. Find Occurrence of Element. 3. Find Length of each Element.
3	Write a program to create structure of student with members: Sid, SName, Scourse and SPer by taking input of 5 Students print the Student report whose Course is "BCA" and percentage greater than 75.
4	Write a C program to check whether number is prime or not using UDF.
5	Write a python program to interchange first and last elements in a list using UDF.
6	Write a python program to swap any two elements in a list using UDF.
7	Write a python program to find length of list using UDF without using len function.
8	Write a python program to find sum and average of numbers in a List.
9	Write a python program to find smallest and largest number in a List.
10	Write a python program to count and print negative numbers in a List.
11	Write a python program to count and print only unique values from the List. Input = [1, 2, 2, 5, 8, 4, 4, 8] Output: No of unique items are: 5 Unique_list= [1,2,5,8,4]
12	Write a python program to reverse all strings in string List.
13	Write a python program to count occurrences of an element in a List.
14	Write a python program to multiply all even numbers and odd numbers in the List.
15	Write a python program to turn every item of a list into its square.
16	Write a program to separate string into string list by taking input of separator from user. Example: input: python is # interpreter language input separator: # output: ["python is "," interpreter language"]
17	Write a python program to create a Friendly ChatBot using dictionary.