**Programming in ‘C’ (Assignment 2)**

Student Name : ……………………………. Enr. No. : ………………………….. Batch : …....

|  |  |  |
| --- | --- | --- |
| **Q.No.** | **Program** | **Checked** |
|  | **Using “Array”** |  |
|  | WAP to accept 5 number in any array and print it |  |
|  | WAP to accept 5 number in any array and print in reverse order. |  |
|  | WAP to accept 5 number in any array copy to another array. |  |
|  | WAP to accept 5 numbers in any array, another five number in second array and store the sum in third array. |  |
|  | WAP to accept 10 number in array and find the minimum number. |  |
|  | WAP to accept 10 number in array and find the maximum and minimum number. |  |
|  | WAP to accept 10 number in array and find the second highest number |  |
|  | WAP to accept 10 number in array the search specific number, entered by user. |  |
| **Two Dimension Array ( MATRIX)** | | |
|  | WAP to accept 9 numbers in 3 x 3 array ( *2 dimension array* ) |  |
|  | WAP to accept 9 numbers in 3 x 3 array, and display the sum of its each *row* and *column*. |  |
|  | WAP to for 3 x 3 matrix addition. |  |
|  | WAP to for 3 x 3 matrix transpose. |  |
|  | WAP to for 3 x 3 matrix multiplication. |  |
|  | WAP to check the 3 x 3 matrix is symmetrical or not. |  |
|  | WAP to check the 3 x 3 matrix is identical or not. |  |
| **Three Dimension Array ( MATRIX)** | | |
|  | WAP accept numbers is 3 x 3 x 3 ( *three/ multidimensional dimension* ) array and print it. |  |
| **Character handling** | | |
|  | WAP to accept any alphabet and change its case.( there are no change other character) |  |
|  | WAP to accept any alphabet and check whether it is vowel or consonant. |  |
|  | WAP to accept any character and print its ASCII code. |  |
|  | WAP to accept any character using getch(), getche() and getchar() and feel the deference. |  |
| **String handling ( Without using string functions)** | | |
|  | WAP to accept any string and print vertically.  *[ Hint : Enter String : Monalisa*  *Output should be :*  *M*  *o*  *n*  *l*  *i*  *s*  *a ]* |  |
|  | WAP to accept any string and calculate its length.  *[Hint : Enter String : Monalisa; Output will be : 8 ]* |  |
|  | WAP to accept any string and print in reverse order.  *[Hint : Enter String : Monalisa; Output will be :asilanaM ]* |  |
|  | WAP to accept two strings and compare it. |  |
|  | WAP to accept any string and count the total number of vowel and consonants. |  |
|  | WAP to accept any string and change in Proper case  *[Hint : Enter String : MOHAN KUMAR; Output will be : Mohan Kumar ]* |  |
|  | WAP to accept one paragraph and calculate the total no. of characters and words. |  |
|  | WAP to check entered string is palindrome or not, without using library functions. |  |
|  | WAP to check entered string is palindrome or not, using library functions. |  |
|  | WAP to accept two strings and print in following format  *[Hint : Enter String : Monalisa]*  *M*  *Mo*  *Mon*  *Mona*  *Monal*  *Monali*  *Monalis*  *Monalisa* |  |