`   FUNCTION

1.
WAP in C using function to sum of digit of all elements in array , store results in another array.

```
i/p: int a[6]={1,22,121,34,78,444};
o/p: int b[6]= {1, 4, 4, 7, 15, 12 };
   void sum_fun(int  *a,int  *b , int ele );
```

2.
WAP in C using function to reverse all elements of array ,store results in another array.

```
i/p:  int a[6]={12,42,123,34,78,414};
o/p: int b[6]={21,24,321,43,87,414};
   void rev_fun(int  *a,int  *b , int ele );
```

3.
WAP in C using function to delete 1st digits of all elements in array .

```
i/p:  int a[6]={12,142,1234,314,78,414};
o/p: int a[6]={2,42,234,34,8,14};
   void del_fun(int  *a,  int ele );
```

4.
WAP in C using function to count strong and armstrong number elements in array .

```
i/p:  int a[6]={2,153,145,2,3,153};
o/p:  strong number count = 3
   armstrong number count = 5
 int strong_fun(int  *a,  int ele );
 int armstrong_fun(int  *a,  int ele );
```

5.
WAP in C using function to count -ve element (bitwise op) and delete -ve elements in array .

```
i/p:  int a[6]={-2, 2,-5,-12,5,-7};
o/p:  -ve number count = 4
     int a[ ]= {2,5};
 int count_del_fun(int  *a,  int *ele );
```

6.
WAP in C using function to right rotate array 2 times .

```
i/p:  int a[6]={-2, 2,-5,-12,5,-7};
o/p:  int a[6]={5,-7,-2, 2,-5,-12};
 void rotate_fun(int  *a,  int ele ,int n);
```

7.
WAP in C using function to insert num in array at given particular location (index).

```
i/p:  int a[6]={-1,2,3,-5,-7};  , n= 99 , p=2
o/p: int a[6]= {-1, 2 ,99 ,3,-5, -7};
 void  in_fun(int  *a, int ele,int n, int p );
```

8.
WAP in C using function to merge 2 array data in 3ʳᵈ array .

```
i/p:  int a[6]={2,3,4},  b[3]={11,22,33};
o/p: int c[6]= {2,11,3,22,4,33};

 void  in_fun(int  *a,  int *b,  int *c,
          int ele1,int ele2, int ele3 );
```

9.
WAP in C using function to **delete the duplicate** char from given string .

```
i/p:  char s[20]="abcaaabbccaa";
o/p:   abc
   void del_fun(char * s   );
```

10.
WAP in C using function to **delete all** digits in strings and count deleted digits .

```
i/p:  char s[20]="a1b2c3d4123";
o/p:   abcd  , digit count = 7
   int del_count_fun(char * s   );
```

11.
WAP in C using function to revesre all word in string ,count no of word having digits .
```
i/p: char s[20]="coding  sirji  vec123 A123 ";
o/p:   gnidoc  ijris  321cev  321A
    word count =  2

 void rev_word_fun(char * s   );
 int count_word_fun(char * s   );
```

Note: Take all input at runtime (use scanf).
        Use same function prototype only .

if you found any mistake or doubts send mail to pawan.ky@vectorindia.org