

C POINTER ASSIGNMENT

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■ Q1:

Write a program in C to demonstrate how to handle the pointers in the program.



Expected Output:

Address of m : 0x7ffcc3ad291c

Value of m : 29

Now ab is assigned with the address of m.

Address of pointer ab : 0x7ffcc3ad291c

Content of pointer ab : 29

The value of m assigned to 34 now.

Address of pointer ab: 0x7ffcc3ad291c

Content of pointer ab: 34

The pointer variable ab is assigned with the value 7 now.

Address of m : 0x7ffcc3ad291c

Value of m : 7

■ Q2:

Write a program in C to print all the alphabets using a pointer. Go to the editor



Expected Output:

The Alphabets are:

Expected Output:

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

■ Q3:

Write a program in C to print a string in reverse using a pointer



The Alphabets are:

Test Data:

Input a string: w3resource

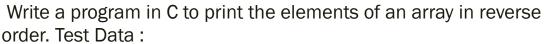
Expected Output:

Pointer: Print a string in reverse order:

Input a string : w3resource

Reverse of the string is : ecruoser3w

■ Q4:





Input the number of elements to store in the array (max 15): 5

Input 5 number of elements in the array:

element - 1:2

element - 2:3

element - 3:4

element - 4:5

element - 5:6

Expected Output:

The elements of array in reverse order are :

element - 5 : 6

element -4:5

element - 3 : 4

element - 2 : 3

element - 1 : 2

■ Q5:

Write a program in C to show a pointer to an array which contents are pointer to structure.



Expected Output:

Exmployee Name : Alex

Employee ID: 1002