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# C POINTER ASSIGNMENT

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■ Q1:



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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:



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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 :



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Pointer : Print a string in reverse order :

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Input a string : w3resource

Reverse of the string is : ecruser3w

■ Q4:



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Write a program in C to print the elements of an array in reverse order. Test Data :

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:



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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