



Objective:

- The purpose of this quiz is to focus on the very basic fundamental concepts practiced so far in previous lectures.

Question No 1:

(3)

Give time equation of the following code segment.

```
void display ( char * s )
{
    for ( int i=0; i < strlen(s); i++ )
    {
        cout<<s;
    }
}
```

Question No 2:

(2)

The equivalent infix expression of the 'AB-C*' postfix expression is:

Question No 3:

(3)

Here is an infix expression: (((2)+(4))/3)*(9*6-2)+1)

Suppose we using the algorithm discussed in class to convert infix to postfix. What is the maximum number of symbols (operators and brackets) that will appear in stack at any given time during the conversion of this expression?



Question No 4:

(6)

Write a function, which receives a string, and reverse the words (separated by space) in a string?

If you have to choose between time and space in this question then you must reduce time.

For Example:

Input String

"My Name is Bond : James Bond"

Output String

"Bond James : Bond is Name My"



Question No 5:

(5)

Write a function, which receives an array and shuffles the elements of the received array.