Quiz 1 8th Sep 2022   21L-5190

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Question 1: Write a code to perform the following tasks:

- Create two 1-D dynamic character type arrays *str1* and *str2*.
- Get the size of array from the user.
- Read two lines at run time and store separately in *str1* and *str2*.
- Create a function *concatenate* which concatenates the second array with the first one.

```cpp
Void   concatenate (char * str1, char * str2, int n1, int n2)
{  int   k = 0;
   int n3 = n1 + n2;
   char *p = new char [n3];
   for (int i=0; i<n1; i++)
   {   P[k] = str1[i];
          k++;
   }
   for (int j=0; j<n2; j++)
       {  p[k] = str2[j];
          k++;
       }
   for (int i=0; i<n3; i++)
       {  cout << p[i];
}
int main ()
{
   int size1;
   int size 2;
   cin >> size1;
   cin >> size 2;
   char * str1 = new char[size];
   char * str2 = new char[size];
   for (int i=0; i<size1; i++)
       {   cin >> str1[i];
       }
   for (int i=0; i<size1; i++)
       {
       cin >> str2[i];
       }
   concatenate ( str1, str2, size1 size2)
```

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