

22 Aug 2024

Quiz 2

Roll number: BSSSE 23058

Q1. You are given a dynamically allocated array of strings with 5 initial elements. Write a C++ program to:

1. Create a new array of size 7.
2. Copy the elements from the old array to the new array.
3. Add two new strings ("kiwi" and "dragonfruit") to the new array.
4. Display the contents of the old array and the new array.
5. Properly manage memory by deleting both the old and new arrays.

```
int main()
{
    string* oldArray
    = new string[5]{ "Apple", "Banana", "Cherry",
                    "Date", "Fig" };

    cout << "Old Array Elements:" << endl;
    for (int i = 0; i < 5; ++i) {
        cout << oldArray[i] << endl;
    }
}
```

Now Continue this code and Create a new array of size 7.

Example

Old Array Elements:

Apple Banana Cherry Date Fig

New Array Elements:

Apple Banana Cherry Date Fig kiwi dragonfruit

~~int main()~~