

Strings

(Assignment Solutions)

Question 1 :

```
int getVowelCount(string str) {  
    int vowCount = 0;  
  
    for(int i=0; i<str.length(); i++) {  
        if(str[i] == 'a' || str[i] == 'e' ||  
           str[i] == 'i' || str[i] == 'o' ||  
           str[i] == 'u') {  
            vowCount++;  
        }  
    }  
  
    return vowCount;  
}
```

Question 2 :

```
bool areAlmostEqual(string s1, string s2) {  
    if(s1.length() != s2.length()) {  
        return false;  
    }  
  
    char diffChar1, diffChar2;  
    int diff = 0;  
    for(int i=0; i<s1.length(); i++) {  
        if(s1[i] != s2[i]) {  
            if(!diff) {  
                diffChar1 = s1[i];  
                diffChar2 = s2[i];  
            } else {  
                if(s1[i] != diffChar2 || s2[i] != diffChar1) {  
                    return false;  
                }  
            }  
        }  
    }  
}
```

```
    }

    diff++;
}

if(diff > 2) {
    return false;
}

if(diff == 1) {
    return false;
}

return true;
}
```