Strings Tutorial Solutions

**Q1.**

**int \_tmain(int argc, \_TCHAR\* argv[])**

**{**

**bool pal = true;**

**char word[81];**

**cout << "Enter the word : ";**

**cin >> word;**

**int len = strlen(word);**

**for ( int i = 0; i < len/2; i++ )**

**{**

**if ( word[i] != word[len-1-i] )**

**{**

**pal = false;**

**break;**

**}**

**};**

**if ( pal )**

**cout << "TRUE\n";**

**else**

**cout << "FALSE\n";**

**return 0;**

**}**

**Q2.(b)**

**int \_tmain(int argc, \_TCHAR\* argv[])**

**{**

**const string thePassword = "hello";**

**string userPassword;**

**cout << "Enter Password : ";**

**cin >> userPassword;**

**if ( userPassword != thePassword )**

**{**

**cout << "Incorrect Password !!! \n";**

**return 0;**

**}**

**int num1, num2, ans;**

**cout << "Enter two values : ";**

**cin >> num1 >> num2;**

**ans = num1 + num2;**

**cout << "Answer = " << ans << endl;**

**return 0;**

**}**

**Q2. (c)**

**int \_tmain(int argc, \_TCHAR\* argv[])**

**{**

**const string thePassword = "hello";**

**string userPassword;**

**cout << "Enter Password : ";**

**cin >> userPassword;**

**for ( int i = 0; i < 3; i++ )**

**{**

**if ( userPassword == thePassword )**

**{**

**break;**

**}**

**if (i < 2 )**

**{**

**cout << "Incorrect Password. Try again :";**

**cin >> userPassword;**

**}**

**else**

**{**

**cout << "Failed on 3 attempts. Program terminating\n";**

**return 0;**

**}**

**}**

**int num1, num2, ans;**

**cout << "Enter two values : ";**

**cin >> num1 >> num2;**

**ans = num1 + num2;**

**cout << "Answer = " << ans << endl;**

**return 0;**

**}**