Adhyaksa Pribadi

Assignment 2

Passwords

**Adp54\_1**

The password for the first one was: **hBKruxfTwLJbrppMxYLS**

My first attempt included running od –x on the file; however, I did not get anything useful. Then I ran the mystrings with the file. Going through the output, I saw text saying “**hBKruxfTwLJbrppMxYLS** Sorry! Not correct!Congratulations!”

Unlocked with passphrase %s

So I tried this and it worked.

**Adp54\_2**

The password is the first letter of the day and month. Today’s was: **WJ**

To get this password, I set a breakpoint where the string was being compared, and saw that it had **TJ.** Trying it again on Wednesday, however, did not work. I noticed there were the functions <localtime> and <strftime> I tried to follow where they were called. By seeing the changes in $edi, I realized that it was formulating the password. So if figured the first letter was day of the week and second was the month.

**Adp54\_3**

The password is any sequence of 10 characters

In order to find this password, at first I kind of just guessed. Because I couldn’t see anything through main I just guessed. One of the guesses I randomly put in “adp54555” and pressed enter twice. Then I realized you can see functions through “strings adp54\_3”. Looking through getchar, I noticed 11 calls to the function getchar. I’m not quite certain this is the reason but it seems to make sense and the passwords work every time. Getchar checks to see if you have input 11 chars including whitespaces.