

```
//author(s): Jimmie Potts, Alan Birmaher
package com.cyf.challengeyourfriends;

import twitter4j.Twitter;
import twitter4j.auth.AccessToken;
import android.content.Context;
import android.content.SharedPreferences;
import android.preference.PreferenceManager;

public final class ConstantValues {
    public static final String TWITTER_CONSUMER_KEY = "M1qGy51m2zSnt0dPMo5fNJf7v"
        ;
    public static final String TWITTER_CONSUMER_SECRET =
        "0Wqz5jhvA5neSG3cWPv0NjVIef013AwQoVyUQh3UUZsPdt86Sl";
    public static final String TWITTER_CALLBACK_URL = "oauth://
        com.cyf.challengeyourfriends.Twitter_oAuth";
    public static final String URL_PARAMETER_TWITTER_OAUTH_VERIFIER =
        "oauth_verifier";
    public static final String
        PREFERENCE_TWITTER_OAUTH_TOKEN="TWITTER_OAUTH_TOKEN";
    public static final String
        PREFERENCE_TWITTER_OAUTH_TOKEN_SECRET="TWITTER_OAUTH_TOKEN_SECRET";
    public static final String
        PREFERENCE_TWITTER_IS_LOGGED_IN="TWITTER_IS_LOGGED_IN";
    public static final String STRING_EXTRA_AUTHENCATION_URL = "AuthencationUrl";

    private final Context theC;

    public ConstantValues(final Context theC) {
        this.theC = theC;
    }
    //creates the user's access token
    public AccessToken getAccessToken() {
        final SharedPreferences sharedPreferences = PreferenceManager.
            getDefaultSharedPreferences(theC);
        final String accessTokenString =
            sharedPreferences.getString(ConstantValues.
                PREFERENCE_TWITTER_OAUTH_TOKEN, "");
        final String accessTokenSecret =
            sharedPreferences.getString(ConstantValues.
                PREFERENCE_TWITTER_OAUTH_TOKEN_SECRET, "");
        return new AccessToken(accessTokenString, accessTokenSecret);
    }

    public Twitter getTwitter() {
        return TwitterUtil.getInstance().getTwitterFactory().getInstance
            (getAccessToken());
    }
}
```