```php
<?php //code called by an ajax function.

    include("functions.php");


    if($_GET['action'] == "loginSignup"){

        $error = "";

        if(!$_POST["email"]){

            $error = "<p>An email address is required.</p>";

        }else if(!$_POST["password"]){

            $error = "<p>A password is required.</p>";

        } else if (!filter_var($_POST["email"], FILTER_VALIDATE_EMAIL)) {

            $error = "Invalid email format";

        }

        if($error != ""){

            echo $error;
            exit();

        }

        if($_POST["loginActive"] == "0"){

            $query = "SELECT * FROM users WHERE
                email='".mysqli_real_escape_string($link, $_POST["email"])."' LIMIT
                1";
            $result = mysqli_query($link, $query);

            if(mysqli_num_rows($result) > 0){
                $error = "That email addres is already taken.";
            } else {

                $query = "INSERT INTO users (email, password) VALUES
                    ('".mysqli_real_escape_string($link, $_POST["email"])."',
                    '".mysqli_real_escape_string($link,
                    password_hash($_POST['password'], PASSWORD_DEFAULT))."')";
                if(mysqli_query($link, $query)){

                    echo 1;

                    $_SESSION["id"] = mysqli_insert_id($link); //returns the
                        auto-generated id in the last insert query

                } else {

                    $error = "Couldn't create user - please try again later";

                }
            }

        } else {

            $query = "SELECT * FROM users WHERE
                email='".mysqli_real_escape_string($link, $_POST["email"])."' LIMIT
                1";
            $result = mysqli_query($link, $query);
            $row = mysqli_fetch_array($result); //get associated array of the rows
                returned by the query

            if(password_verify($_POST['password'], $row[password])){

                echo 1;

```

```
64                  $_SESSION["id"] = $row['id'];
65
66              } else {
67
68                  $error = "Could not find that username/password combination. Please
                        try again";
69
70              }
71
72          }
73
74          if($error != ""){
75
76              echo $error;
77              exit();
78
79          }
80
81      }
82
83      if($_GET["action"] == "toggleFollow"){
84
85          $query = "SELECT * FROM isFollowing WHERE follower='".
                mysqli_real_escape_string($link, $_SESSION["id"]) ."' AND
                isFollowing='". mysqli_real_escape_string($link, $_POST["userId"]) ."'
                LIMIT 1";
86          $result = mysqli_query($link, $query);
87          if(mysqli_num_rows($result) > 0){
88
89              $row = mysqli_fetch_array($result);
90              $query = "DELETE FROM isFollowing WHERE id='".
                    mysqli_real_escape_string($link, $row["id"]) ."' LIMIT 1";
91              if(mysqli_query($link, $query)){
92
93                  echo "1";
94
95              }
96
97          } else {
98
99              $query = "INSERT INTO isFollowing (follower, isFollowing) VALUES('".
                    mysqli_real_escape_string($link, $_SESSION["id"]) ."', '".
                    mysqli_real_escape_string($link, $_POST["userId"]) ."')";
100             if(mysqli_query($link, $query)){
101
102                 echo "2";
103
104             }
105         }
106
107     }
108
109     if($_GET["action"] == "postTweet"){
110
111         if( !$_POST['tweetContent']){
112
113             echo "Your tweet is empty!";
114
115         } else if (strlen($_POST['tweetContent']) > 140){
116
117             echo "Your Tweet can be a maximum of 140 characters";
118
119         }else{
120
121             $query = "INSERT INTO tweets (tweet, userid, datetime) VALUES('".
                    mysqli_real_escape_string($link, $_POST["tweetContent"]) ."', '".
                    mysqli_real_escape_string($link, $_SESSION["id"]) ."', now())";
122             if(mysqli_query($link, $query)){
123
124                 echo "1";
125
126             }
```

```
127             }
128 
129         }
130     ?>
```