**COMSATS** **University Islamabad, Lahore Campus**

**Department of Computer Science**



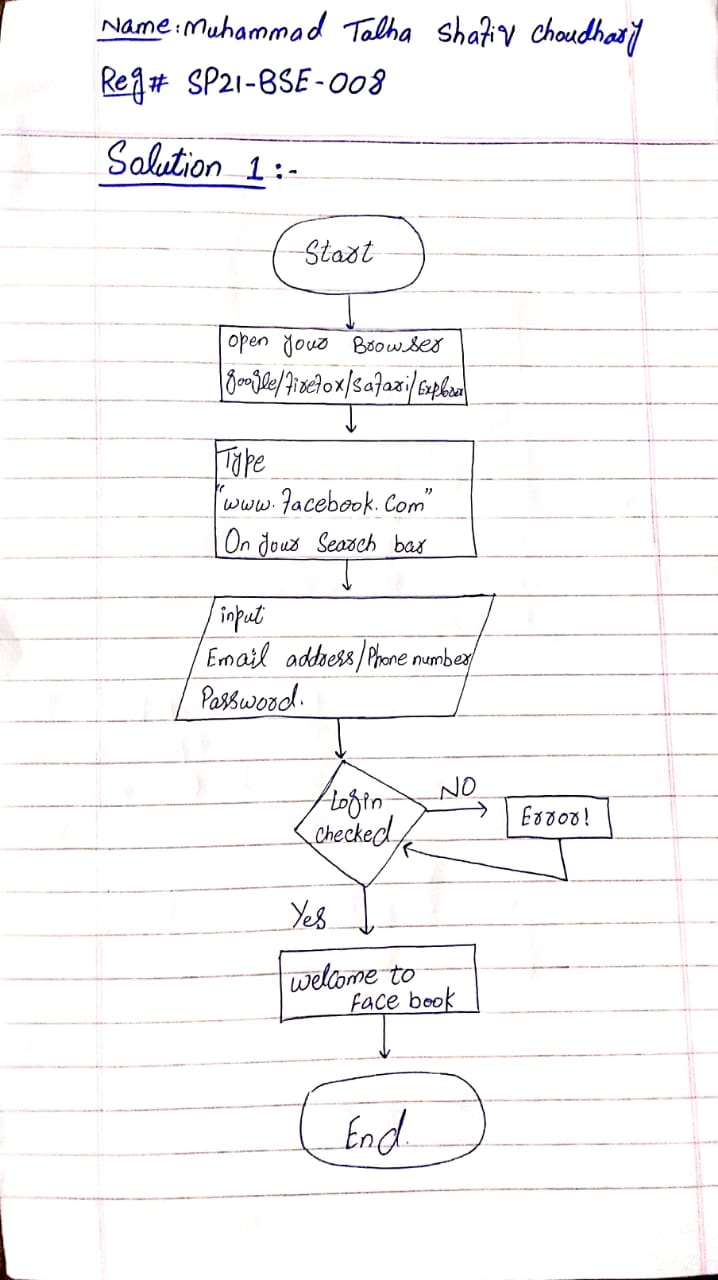
**Quiz 1 – Semester Spring 2021**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Course Title: | Programming Fundamentals | | | | Course Code: | | CSC103 | Credit Hours: | 4(3,1) |
| Course Instructor/s: | Tahir Muhammad | | | | Programme#include <stdio.h>  #include <string.h>  #include <conio.h>      int main()  {  char username[15];  char password[12];      printf("Enter your username:\n");  ("%s",username);    printf("Enter your password:\n");  scanf("%s",password);    if(strcmp(username,"talha")==0)  {  if(strcmp(password,"786")==0)  {  printf("\nWelcome.Login Success!");  }  else  {  printf("\nwrong password");  }  }  else  {  printf("\nUser doesn't exist");  }  } Name: | | BSE/BCS | | |
| Semester: |  | Batch: |  | Session: |  | | Time | 90 Minutes | |
| Student’s Name: |  | | | | Reg. No. |  | | | |
| **Important Instructions / Guidelines:**   * Answer all questions. * Do not give multiple answers for a question. * Cutting and overwriting is not allowed. * Use Paint to draw the follow chart in Question #1 * Submit your exam through MS Forms. | | | | | | | | | |

**Question 1: Define the concept of Flowchart. Also reproduce the scenario of Facebook account login system in the form of flowchart. [CLO1, PLO1, C1]**

This problem can be solved in many ways so, we will encourage you to think and draw a flowchart for this problem using your imagination. To log in to Facebook account we first enter the Facebook URL www.facebook.com in our browser like Google, Firefox, Safari, Internet Explorer etc. This request is sent to the Facebook server and it responds by sending us the home page of Facebook. Next, we enter our registered Email ID and Password and click the Login button. Then our login credential is checked. If it is correct, our profile appears. On the other hand, if the login credential is wrong then an error occurs, and we are prompted to re-enter our Email ID and Password.

**Solution:**

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**Question 2: Also write program in C language to implement Facebook login system with a sample username and password i.e., username: admin and password: admin.**

**Solution:**

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| --- |
| #include <stdio.h>  #include <string.h>  #include <conio.h>      int main()  {  char username[15];  char password[12];      printf("Enter your username:\n");  ("%s",username);    printf("Enter your password:\n");  scanf("%s",password);    if(strcmp(username,"talha")==0)  {  if(strcmp(password,"786")==0)  {  printf("\nWelcome.Login Success!");  }  else  {  printf("\nwrong password");  }  }  else  {  printf("\nUser doesn't exist");  }  } |