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

**Department of Computer Science**



**Assignment 4 – Semester Spring 2021**

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| Course Title: | Programing Fundamentals | | | | Course Code: | CSC103 | Credit Hours: | 4(3,1) |
| Course Instructor/s: | Tahir Muhammad | | | | Program Name: | BSE/BCS | | |
| Semester: | 1st | Batch: | SP221 | Section: | C | Date | 6/15/2021 | |
| Student’s Name: | **Muhammad Talha Shafiq Choudhary** | | | | Reg. No. | Sp21-BSE-008 | | |
| **Important Instructions / Guidelines:**   * Submission will be on MS Forms. * Use front page while submit it in printed form. * Do not copy code from internet else you will be **awarded with a zero**. * Online Submission Deadline **16-06-2021 11:00 PM** | | | | | | | | |

**Q1: Create a C language program that reads text data from the given file “readme.txt” and removes vowels from the text. After successfully removing vowels the program writes this text to a new file called “nowreadme.txt”. [CLO4, PLO3, C5] 10 Marks.**

*Note: readme.txt file is shared on the online MS Teams group, you can get it from there. Also place this file in the local directory of your program.*

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| Solution:  #include<stdio.h>  int main()  {  FILE \*fp,\*fp\_w;  char c;  fp\_w=fopen("nowreadme.txt","w");  fp=fopen("readme.txt","r");  if(fp==NULL)  {  printf("File does not exists");  return 0;  }  c=fgetc(fp);  while(c!=EOF)  {  if(!(c=='a'||c=='e'||c=='i'||c=='o'||c=='u'||  c=='A'||c=='E'||c=='I'||c=='O'||c=='U'))  {  fprintf(fp\_w,"%c",c);  }  c=fgetc(fp);  }  printf("\n-----------File open successfully\n\n");  fclose(fp);  return 0;  } |

**Best of Luck! 😊**