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| /\* THIS PROGRAM IS FOR STUDENT REGISTRATION BASED ON THEIR MARKS AND AVAILABLE SEATS IN THE PERTICULAR DEPARTMENTS | |
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|  | **It provides the admin to store the admission details of students based on their marks that are between 1 to 10** |
|  | **Also provides option to manage students data who are in waiting list** |
|  | **Contains a declaration form having instructions to be followed by the admin to use the program.** |
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|  | **Date: 03/11/2020** |
|  |  |
|  | **\*/** |
|  |  |
|  | **#include <stdio.h>** |
|  | **#include <stdlib.h>** |
|  | **#include "functions.h"** |
|  | **#include <assert.h>** |
|  |  |
|  | **/\* run this program using the console pauser or add your own getch, system("pause") or input loop \*/** |
|  |  |
|  | **int main(int argc, char \*argv[]) {** |
|  | **int choice;** |
|  | **int accept;** |
|  | **Student stu[TOTAL\_STUDENT];** |
|  | **accept=declaration();** |
|  | **assert(accept==1);** |
|  |  |
|  | **printf("\n\n\n\n\n\n\n\n\n\n\n--------------------------------------ADMISSION PROCESS---------------------------------------------\n\n");** |
|  | **printf("1. DECLARE TOTAL SEATS IN RESPECTIVE PROGRAM\n\n");** |
|  | **printf("2. STUDENT REGISTRATION\n\n");** |
|  | **printf("3. TOTAL FILLED SEATS IN PROGRAM\n\n");** |
|  | **printf("4. STUDENT INFORMATION\n\n");** |
|  | **printf("5. WAITING STUDENTS DETAILS\n\n");** |
|  | **printf("6. UPDATE WAITING STUDENT DETAILS\n\n");** |
|  | **printf("0. TO EXIT\n\n");** |
|  | **do{** |
|  | **printf("\nCHOOSE FROM ABOVE OPTIONS:\n");** |
|  | **scanf("%d",&choice);** |
|  | **switch(choice){** |
|  |  |
|  | **case 1: manage\_seats();** |
|  | **break;** |
|  |  |
|  | **case 2: student\_reg(stu);** |
|  | **break;** |
|  |  |
|  | **case 3: display\_total\_filled\_seats();** |
|  | **break;** |
|  |  |
|  | **case 4: display(stu);** |
|  | **break;** |
|  |  |
|  | **case 5: display\_waiting\_students(stu);** |
|  | **break;** |
|  |  |
|  | **case 6: waiting\_students(stu);** |
|  | **break;** |
|  |  |
|  | **default: assert(choice<7); //assert failed if we give wrong choice** |
|  |  |
|  | **}** |
|  |  |
|  |  |
|  | **}while(choice!=0);** |
|  |  |
|  | **return 0;** |
|  | **}** |