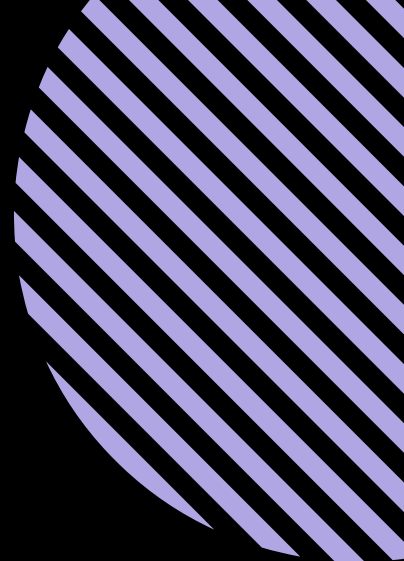
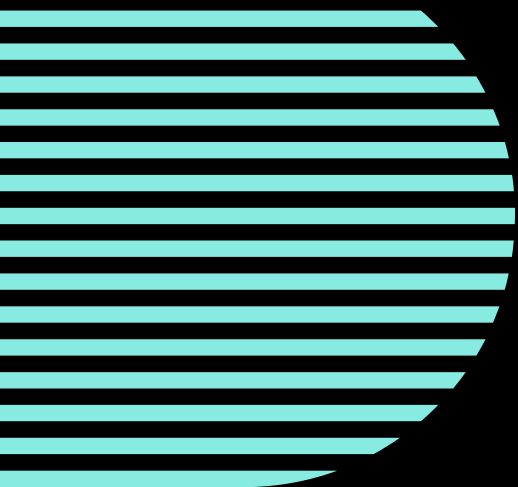


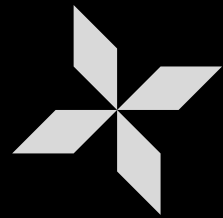


PF PROJECT

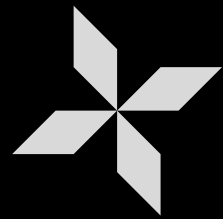
project of programming fundamental



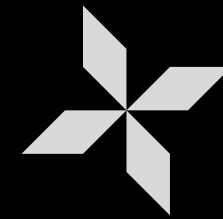
MEMBER OF GROUP



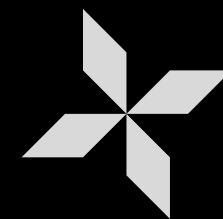
Aima Malik



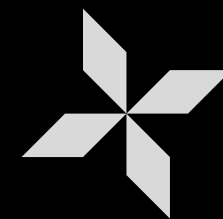
Ayesha Nadeem



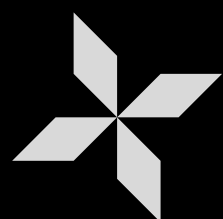
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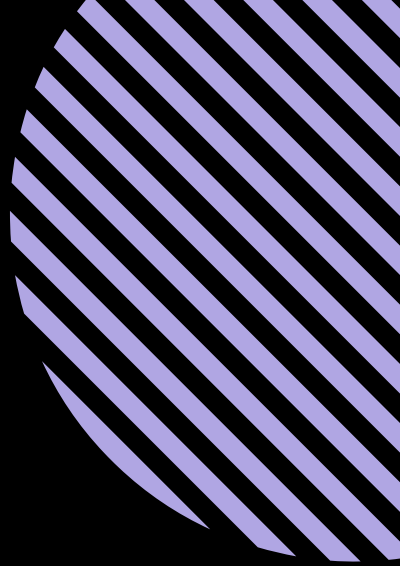
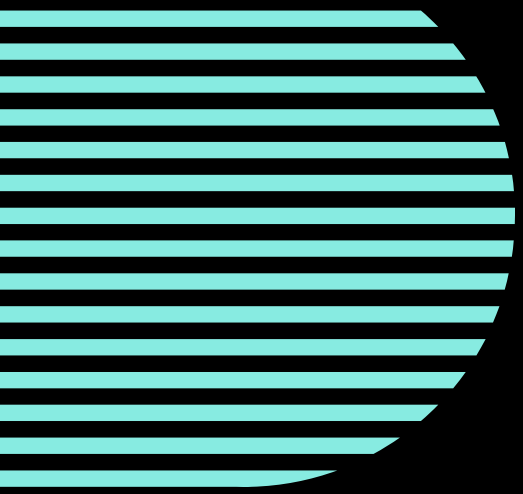
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Noor-ul-Huda

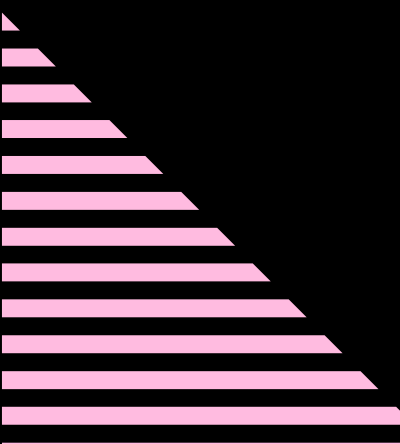
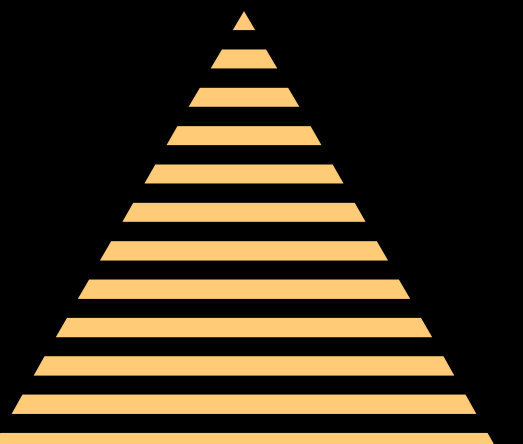


Amna Abid



PROJECT NAME

**student
information
system**



HEADER FILES

1

#include stdio.h

Stdio.h is header file for standard input output

This header file allow us to conduct input and output operations in C. Stdio contain declaration of Printf() and scanf() .

2

#include stdlib.h

Stdlib.h is header file for standard library.

This header file contain function of memory allocation,mathematical function,string conversion,file input output function,and error handling functions.

3

#include "student.data.h"

We can create a custom header files in c.

In this header files we used inverted commas.We declare so what we organize our code and reuse our code by seperating it in different files.



STRUCTURE

a structure is defined using the keyword "struct"

Structure is a user-defined data in C language will allows us to combine data of different types together.

Structures (also called structs) are a way to group several related variables into one place. Each variable in the structure is known as a member of the structure. Unlike an array, a structure can contain many different data types (int, float, char, etc.).

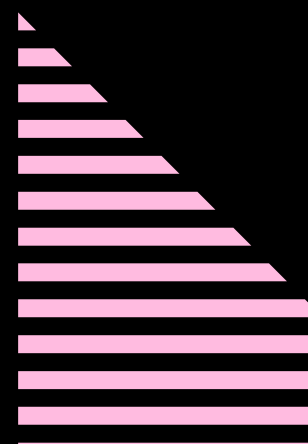
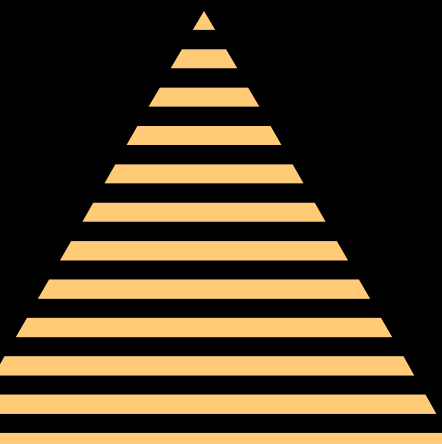
In this program we make a struct student





STRUCT STUDENT

```
char name [15];  
char father_name[20];  
char phone_no[30];  
char grade[5];  
char address [40];  
int attendance;  
int roll number;  
float marks;
```

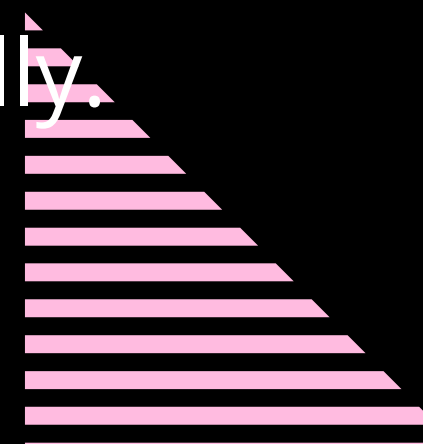
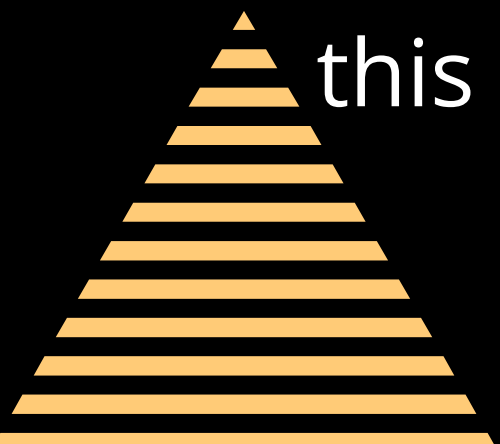




MAIN FUNCTION



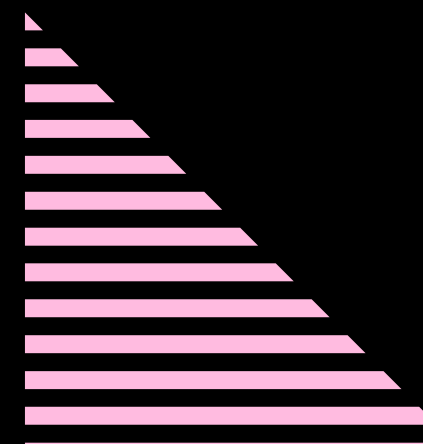
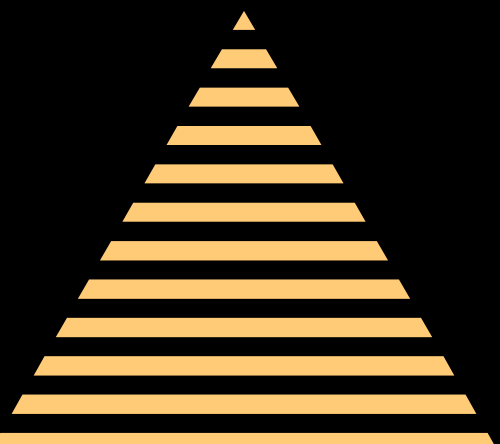
In main function first we declare one variable select and other is count which we initialize with zero then we declare an array to get 50 student information and Now we use do while statement in which the body executes atleast one time even the condition is wrong and we display menu of student information system. The user select 1 to add student information,select 2 for display student information and select 3 for exit.Now in switch statement if user select 1 then function add student is call if user select 2 the function display student is call,and for 3 the output show exiting the program Good bye .in default if any condition doesnot match then show invalid choice please try again.In the end of the program we call data() that is defined in the header file student.data.h.In this function data gives output in the last that program runs successfully.






FUNCTIONS 1

In the function add student two arguments were passed from the main function that include *student and count. This function gets student information like name, phone number, grade, marks, father name, roll number, attendance and home address. And we store student information in file. And file is abc.txt.

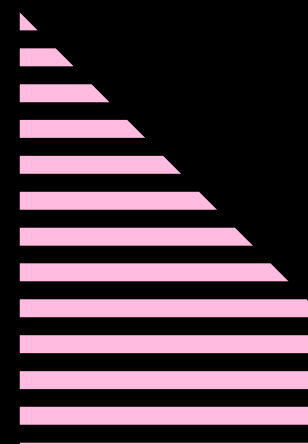
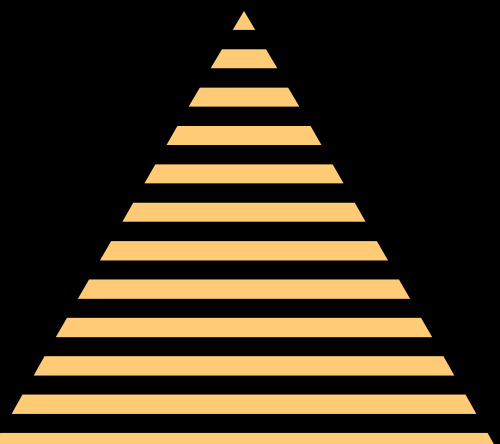




FUNCTION 2



In the function display student two argument were passed from the main function that include *student and count. In this function we used for loop and when for loop terminate it print student information like name, father name, roll number, marks, phone number, grade, address, attendance.





**ANY
QUESTION**



THANK YOU