HEADER FILES USED IN THE PROJECT

1. **<dos.h>**

D O S

DISK OPERATING SYSTEM

* It provides access to functions related to disk input/output operations, interrupt handling, memory management, and time management.
* The direct access to low-level system functions provided by <dos.h> can lead to improved performance, especially in applications that require high-performance input/output operations.
* Programs that rely on <dos.h> can still be run on modern systems with the help of emulation or virtualization.
* It is used to handle DOS commands (DISK Operating system).
* Some functions which makes this header file very much useful in our project are : **Delay(), sound(), sound(), sleep().**

1. **<conio.h>**

CON I O

Console Input Output

* The conio.h header file used in C programming language contains functions for console input/output.
* <conio.h> was useful for programmers who were developing console-based applications for DOS and Windows-based systems, and it provided several advantages for them.
* <conio.h> provides a simple and easy-to-use interface for console input and output operations. This makes it an ideal choice for beginner programmers who are just learning to program console-based applications.
* The functions provided by <conio.h> can help improve productivity by reducing the time taken for console input and output operations.
* They can be used to clear screen, change color of text and background, move text, check whether a key is pressed or not and to perform other tasks.
* Some of the functions which makes this header file very much useful in our project are :

1. **clrscr()**
2. **getch**
3. **gotoxy()**
4. **kbhit()**
5. **textcolor**
6. **Textbackground**
7. **<stdlib.h>**

* **stdlib.h** is the header of the **general purpose standard library** of C programming language which includes functions involving memory allocation, process control, conversions and others. It is compatible with C++.
* <stdlib.h> provides functions for type conversion, including converting strings to integers or floating-point numbers. This can be useful when working with user input or when manipulating data in a program.
* <stdlib.h> provides functions for controlling processes, including terminating a program, executing a shell command, and retrieving environment variables.
* <stdlib.h> is a standard library header file, which means that it is available on most C and C++ compilers and operating systems. This makes programs written using <stdlib.h> highly portable and easy to compile on different systems.

<stdlib.h> is part of the ANSI C standard, which means that it is widely accepted and used in the C programming community. This makes it a reliable and well-tested library that is suitable for use in many different types of projects.

STD LIB

Standard Library

* <stdlib.h> is a powerful and versatile library that is widely used in C and C++ programming, and it is an essential part of many software development projects.