**Functions used**

* Member functions used

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| s.no | Name | class | purpose |
| 1. | input () | doctor | Asks information of a doctor from  the user and accepts it |
| 2. | output () | doctor | Shows the record of a doctor |
| 3. | \*retph() | doctor | Returns the phone number of a doctor |
| 4. | \*retn() | doctor | Returns the name of a doctor |
| 5. | pinput () | patient | Asks information of a patient from the user and accepts it |
| 6. | poutput () | patient | Shows the record of a patient |
| 7. | \*retpho () | patient | Returns the phone number of a patient |
| 8. | \*retna () | Patient | Returns the name of the patient |

* In-built functions used

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| s.no | Name | Header file | Purpose |
| 1. | getch () | conio.h | Reads the single character from the keyboard without echoing to the screen . |
| 2. | strcmpi () | string.h | Performs unsigned comparison of two string constants without case sensitivity |
| 3. | gets () | stdio.h | Collects a string of characters terminated by a new line from standard input stream |
| 4. | clrscr () | conio.h | Clears the current text window and places the cursor in the upper-left hand corner (i.e at (1,1) position) |
| 5. | close () | fstream.h | Closes an opened file |
| 6. | write () | fstream.h | Writes content in a file |
| 7. | seekg() | fstream.h | Places the logical file pointer at a specific position in a file |
| 8. | remove () | stdio.h | Removes a file, i.e. deletes the file specified by the filename |
| 9. | rename () | stdio.h | Renames a file, i.e changes the name of a file from old name to a new name |
| 10. | open () | fstream.h | Opens a file for reading or writing |
| 11. | delay () | dos.h | Suspends the current program from execution for the time specified by the argument ( millisecond ) |
| 12. | gotoxy () | conio.h | Mobes the cursor to the given postion in the current text window |
| 13. | exit () | stdlib.h | Terminates the program |
| 14. | tellp () | fstream.h | Returns the position of the logical file pointer in a file |