CODE

```
import java.util.Scanner;
import java.io.File;
import java.io.FileFilter;
import java.util.Arrays;
import java.util.Comparator;
import java.io.FileOutputStream;
import java.io.IOException;
import java.nio.file.Files;
import java.nio.file.Paths;

class Retrieringfiles
{
	public static void listFiles()
	{
		File dir=new File(".");
		File[] files = dir.listFiles();
		Arrays.sort(files, (f1,f2) -> f1.compareTo(f2));
		for(File file: files)
		{
			if(!file.isHidden())
			{
				if(file.isDirectory())
				{
				}
				else
				{
					System.out.println("FILE\t" + file.getName());
				}
			}
		}
	}
	public static void addFiles()
	{
				try
				{
			Scanner scan=new Scanner(System.in);
			System.out.println("Enter File Name:");
			String name=scan.nextLine();
			File myobj=new File(name);
			if(myobj.createNewFile())
			{
				System.out.println("File Created:" + myobj.getName());
			}
			else
			{
				System.out.println("File already exists");
			}
		}
				catch(IOException e)
				{
			System.out.println("Error");
			e.printStackTrace();
		}
	}
    public void findFile(String name,File file1)throws IOException
    {
        File[] list = file1.listFiles();
```

```
        if(list!=null)
     {
        for(File file2 : list)
        {

            if (file2.isDirectory())
            {
                findFile(name,file2);
            }
            else if (name.equalsIgnoreCase(file2.getName()))
            {
                System.out.println("Found");
                System.out.println("File found at : "+file2.getParentFile());
                System.out.println("Path diectory: "+file2.getAbsolutePath());
           }

        }


      }

    }
    public void deleteFile()
    {
       try
       {
       System.out.println("enter file name:");
       Scanner scan=new Scanner(System.in);
       String s=scan.next();
       File f= new File(s);
       if(f.delete())
       {
       System.out.println(f.getName() + " deleted");
       }
       else
       {
       System.out.println("failed");
       }
       }
       catch(Exception e)
       {
       e.printStackTrace();
       System.out.println("File not Found");
       }
    }
}


public class LockedMe {

       public static void main(String[] args) throws IOException {

             Retrieringfiles obj=new Retrieringfiles();
              Scanner scan = new Scanner(System.in);


System.out.println("**********************************\n***********Welcome to
lockedme.com***********");
              System.out.println("MENU:");
```

```
                System.out.println("1.List files");
                System.out.println("2.Business level Operations");
                System.out.println("3.Close the Application");
                int choice=scan.nextInt();

                switch(choice) {
                case 1:
                     obj.listFiles();
                     break;
                case 2:
                     System.out.println("1.Add file");
                     System.out.println("2.Delete file");
                     System.out.println("3.Search file");
                     System.out.println("4.Return to menu");
                     int choice1=scan.nextInt();

                              switch(choice1) {
                              case 1:
                                   obj.addFiles();
                                   break;
                              case 2:
                                   obj.deleteFile();
                                   break;
                              case 3:
                                   System.out.println("Enter the file to be
searched.. " );

                                    String name = scan.next();
                                    String directory =".";
                                    obj.findFile(name,new File(directory));
                              case 4:
                                   break;

                              }
                case 3:
                     System.exit(0);

                }
                }
        }
```