```java
package Phase1Project;
import java.io.File;
import java.io.IOException;
import java.util.Arrays;
import java.util.Scanner;

public class VirtualKeyEndProject
{
	public static void main(String[] args)
	{
	    System.out.println("\n*********************************\n\n");
	    System.out.println("File ManipulationApplication\nDeveloped By :-
	    Manoj \n\n");
	    System.out.println("*********************************\n\n");
	    File newFolder=new File("NewFolder");
	    newFolder.mkdir();//boolean..
	    optionSelection(newFolder);
	}
	private static void optionSelection(File newFolder)
	{
		String []arr= {"1. Show all the files.",
		"2.File Manipulation Options",
		"3.Exit the Application"};
		int []arr1= {1,2,3};
		int len= arr1.length;
		System.out.println();
		for(int i = 0;i<len;i++)
		{
			System.out.println(arr[i]);
		}
		System.out.println("Enter your choice:");
		Scanner scan=new Scanner(System.in);
		int options= scan.nextInt();
		switch(options)
		{
			case 1:
			    String[] fileNames=new String[100];
			    fileNames = newFolder.list();
			    if(fileNames.length==0)
			    {
			         System.out.println("the folder is empty");
			     }
			     else
			     {
			          Arrays.sort(fileNames);
			          System.out.println("The files present are ");
			          for(String name:fileNames)
			          {
			               //Enhanced ForLoop
			               System.out.println(name);
			          }
			      }
			      optionSelection(newFolder);
			      break;
			      case 2:
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                        System.out.println("File manipulation options");
                        fileManipulation(newFolder);
                        break;
                        case 3:
                               System.out.println("ThankYou For Using The
                               application\n\nLogging off!!!");
                               break;
                        default:
                               System.out.println("Wrong input\nTry Again");
                               optionSelection(newFolder);
                               break;
        }
}
private static void fileManipulation(File newFolder) {
System.out.println("1.Add a File\n2.Delete a file \n3.Search a
file\n4.go to main menu");
System.out.println("Enter your choice");
Scanner sc = new Scanner(System.in);
int choice=sc.nextInt();
switch(choice)
{
        case 1:
               System.out.println("Adding a file\n");
               System.out.println("Enter the name of the file you wish to
               add:");
               String newFile=new Scanner(System.in).nextLine();
               File addFile=new File(newFolder,newFile);
        try
        {
               if(addFile.createNewFile())
                      System.out.println("The file was added to the
                      folder");
               else
                    System.out.println("File already exist");
        }
        catch (IOException e)
        {
               System.out.println("Issue :"+ e.getMessage());
        }
        fileManipulation(newFolder);
        break;
        case 2:
               System.out.println("Delete a file");
               System.out.println("Enter the name of the file you have to
               delete:");
               String fileName= new Scanner(System.in).nextLine();
               File delFile=new File(newFolder,fileName);
               if(delFile.exists())
               {
                      if(delFile.delete())
                      {
                             System.out.println("The file deleted
                             successfully");
                      }
                      else
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                    System.out.println("The file deletion was
unsuccessfully");
                    }
                    else
                    System.out.println("The specified file was not found");
                          fileManipulation(newFolder);
                          break;
                    case 3:
                          System.out.println("Search a file");
                          System.out.println("Enter the name of the file you
                          have to search");
                          String serFile=new Scanner(System.in).nextLine();
                          File searchFile= new File(newFolder,serFile);
                          if(searchFile.exists())
                          {
                                System.out.println("The Searched file is
                                present in the directory");
                          }
                          else
                                System.out.println("The searched file is not
                                present in the directory");
                                fileManipulation(newFolder);
                                break;
                    case 4:
                          System.out.println("Going to main menu");
                          optionSelection(newFolder);
                          break;
                    default:
                          System.out.println("Wrong input\ntry again");
                          fileManipulation(newFolder);
                          break;
              }
        }

}
```