```java
import java.io.*;
class StudentRecords
{
        static BufferedReader br = new BufferedReader(new InputStreamReader(System.in));
        public void addRecords() throws IOException
                {
// Create or Modify a file for Database
                        PrintWriter pw = new PrintWriter(new BufferedWriter(new
FileWriter("studentRecords.txt",true)));
                        String name,Class,address,dob;
                        int age;
                        long telephoneNo;
                        String s;
                        boolean addMore = false;
// Read Data
                        do
                        {
                                System.out.print("\nEnter name: ");
                                name = br.readLine();

                                System.out.print("Address: ");
                                address = br.readLine();
                                System.out.print("Class: ");
                                Class = br.readLine();
                                System.out.print("Date of Birth (dd/mm/yy) : ");
                                dob = br.readLine();
                                System.out.print("Age: ");
                                age = Integer.parseInt(br.readLine());
                                System.out.print("Telephone No.: ");
                                telephoneNo = Long.parseLong(br.readLine());
// Print to File
                                pw.println(name);

                                pw.println(address);
                                pw.println(Class);
                                pw.println(dob);
                                pw.println(age);
                                pw.println(telephoneNo);
                                System.out.print("\nRecords added successfully !\n\nDo you want to
add more records ? (y/n) : ");
                                s = br.readLine();
                                if(s.equalsIgnoreCase("y"))
                                {
                                        addMore = true;

                                        System.out.println();
                                }
                                else
                                        addMore = false;
                        }
                        while(addMore);
                                pw.close();
```

```java
				showMenu();
			}
			public void readRecords() throws IOException
			{
				try
				{
// Open the file
					BufferedReader file = new
BufferedReader(new
					FileReader("studentRecords.txt"));
					String name;
					int i=1;
// Read records from the file
					while((name = file.readLine()) != null)
					{
			System.out.println("S.No. : " +(i++));
			System.out.println(" ------------ ");
			System.out.println("\nName: " +name);

			System.out.println("Address: "+file.readLine());
			System.out.println("Class: "+file.readLine());
			System.out.println("Date of Birth : "+file.readLine());
			System.out.println("Age: "+Integer.parseInt(file.readLine()));
			System.out.println("Tel. No.: "+Long.parseLong(file.readLine()));
			System.out.println();
					}
						file.close();
						showMenu();
				}
				catch(FileNotFoundException e){
					System.out.println("\nERROR : File not
Found !!!");
				}
			}
		public void clear() throws IOException{

PrintWriter pw = new PrintWriter(new BufferedWriter(new FileWriter("studentRecords.txt")));
		pw.close();
		System.out.println("\nAll Records cleared successfully !");
		for(int i=0;i<999999999;i++); // Wait for some time
		showMenu();
		}
		public void showMenu() throws IOException
		{
System.out.print("1 : Add Records\n2 : Display Records\n3 : Clear All Records\n4 : Exit\n\nYour
Choice : ");
		int choice = Integer.parseInt(br.readLine());
			switch(choice)
			{
				case 1:
					addRecords();
					break;
```

```
                                        case 2:
                                                readRecords();
                                                break;
                                        case 3:
                                                clear();
                                                break;
                                        case 4:

                                                System.exit(1);
                                                break;
                                        default:
                                                System.out.println("\nInvalid Choice !");
                                                break;
                                }
                }
                public static void main(String args[]) throws IOException
                {
                        StudentRecords call = new StudentRecords();
                        call.showMenu();
                }

}
/*
```

cc-50@cc50-OptiPlex-3010:~/Desktop$ javac StudentRecords.java
^[[Acc-50@cc50-OptiPlex-3010:~/Desktop$ java StudentRecords
1 : Add Records
2 : Display Records
3 : Clear All Records
4 : Exit

Your Choice : 1

Enter name: shubham vishnu palde
Address: bhagur
Class: se it
Date of Birth (dd/mm/yy) : 14/09/2004
Age: 19
Telephone No.: 8888485919

Records added successfully !

Do you want to add more records ? (y/n) : y

Enter name: sakshi santosh patil
Address: pawan nagar
Class: se it
Date of Birth (dd/mm/yy) : 27/03/2005
Age: 18
Telephone No.: 9028209247

Records added successfully !

Do you want to add more records ? (y/n) : y

Enter name: sumit ishwar sonawane
Address: bhagur
Class: se it
Date of Birth (dd/mm/yy) : 30/08/2004
Age: 19
Telephone No.: 8010340516

Records added successfully !

Do you want to add more records ? (y/n) : y

Enter name: sakshi harishankar pandey
Address: hirapur road
Class: se it
Date of Birth (dd/mm/yy) : 17/01/2005
Age: 19
Telephone No.: 9325159337

Records added successfully !

Do you want to add more records ? (y/n) : y

Enter name: jayesh gorakh kande
Address: niphad
Class: se it
Date of Birth (dd/mm/yy) : 18/03/2003
Age: 20
Telephone No.: 8767428912

Records added successfully !

Do you want to add more records ? (y/n) : n
1 : Add Records
2 : Display Records
3 : Clear All Records
4 : Exit

Your Choice : 2
S.No. : 1

Name: shubham vishnu palde
Address: bhagur
Class: balvadi
Date of Birth : 14/09/2004
Age: 19

Tel. No.: 8888485919

S.No. : 2

Name: sakshi santosh patil
Address: pawan nagar
Class: se it
Date of Birth : 27/03/2005
Age: 18
Tel. No.: 9028209247

S.No. : 3

Name: sakshi harishankar pandey
Address: hirapur road
Class: se it
Date of Birth : 17/01/2005
Age: 19
Tel. No.: 9325159337

S.No. : 4

Name: sumit ishwar sonawane
Address: bhagur
Class: se it
Date of Birth : 30/08/2004
Age: 19
Tel. No.: 8010340516

S.No. : 5

Name: jayesh gorakh kande
Address: niphad
Class: se it
Date of Birth : 18/03/2003
Age: 20
Tel. No.: 8767428912

1 : Add Records
2 : Display Records
3 : Clear All Records
4 : Exit

Your Choice : 3

All Records cleared successfully !
1 : Add Records
2 : Display Records
3 : Clear All Records

4 : Exit

Your Choice : 4

  ----

*/