```java
import java.io.*;
import java.lang.*;
import java.util.regex.*;
class view {
public static void main(String args[]) throws IOException {
        String waitopt;
    BufferedReader stdin = new BufferedReader(new InputStreamReader(System.in));
    String buf;
    waitopt  = "Wait your choice [menu, bye, 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12] : ";

    displaymenu();
    System.out.print(waitopt);
    buf = stdin.readLine();
    while (!buf.equals("0")) {

     if (buf.equals("0") || buf.equals("bye")) {

      System.out.println("Bye Bye");
      break;
     } else if (buf.equals("1")) {

      addstu();
      buf = " ";
     }else if (buf.equals("2")) {

      addsubj();
      buf = " ";
     }else if (buf.equals("3")) {

      addreg();
      buf = " ";
     }else if (buf.equals("4")) {

      deletestu();
      buf = " ";
     }else if (buf.equals("5")) {

      deletesubj();
      buf = " ";
     }else if (buf.equals("6")) {

      deletereg();
      buf = " ";
     }else if (buf.equals("7")) {

      editstu();
      buf = " ";
     }else if (buf.equals("8")) {

      editsubj();
      buf = " ";
     } else if (buf.equals("9")) {

      editreg();
```

```java
    buf = " ";
  }else if (buf.equals("10")) {
   list("student.txt");
   buf = " ";
  } else if (buf.equals("11")) {
   list("subj.txt");
   buf = " ";
  } else if (buf.equals("12")) {
   list("regist.txt");
   buf = " ";
  } else {
   System.out.print(waitopt);
   buf = stdin.readLine();
   // buf = (char)System.in.read(); // for 1 character
  }
     }
}
     // =====================MENU=============================
     static void displaymenu () {
          System.out.println("0 : bye bye");
          System.out.println("1 : Add Student Data");
          System.out.println("2 : Add Subject Data");
          System.out.println("3 : Add Regist Data");
          System.out.println("4 : Delete Student Data");
          System.out.println("5 : Delete Subject Data");
          System.out.println("6 : Delete Regist Data");
          System.out.println("7 : Edit Student Data");
          System.out.println("8 : Edit Subject Data");
          System.out.println("9 : Edit Regist Data");
          System.out.println("10 : List Student Data");
          System.out.println("11 : List Subject Data");
          System.out.println("12 : List Regist Data");
          System.out.println("");
}
```

```java
// ==================Add Student Data================================
        public static void addstu () throws IOException {
BufferedReader stdin = new BufferedReader(new InputStreamReader(System.in));
String bufid,bufname;
System.out.print("Student id : ");
bufid = stdin.readLine();
System.out.print("Student name : ");
bufname = stdin.readLine();
String b;
String ar[] = new String[10];

FileReader fin = new FileReader("student.txt");
BufferedReader bin = new BufferedReader (fin);

int i = 0;

while ((b =  bin.readLine()) != null) {
  ar[i] = b;
  i = i + 1;

}
fin.close();
//

int tot = i;
FileOutputStream fout = new FileOutputStream("student.txt");
BufferedOutputStream bout = new BufferedOutputStream(fout);
PrintStream pout = new PrintStream(bout);

i = 0;

while (i < tot) {
  pout.println(ar[i]);
  i = i + 1;

}
pout.println(bufid + "," + bufname);
System.out.println("Add Student : completely");
pout.close();
}
```

```java
// ===================Add Subject Data===============================
  public static void addsubj () throws IOException {
    BufferedReader stdin = new BufferedReader(new InputStreamReader(System.in));
    String bufid,bufname;
    System.out.print("Wait subj ID : ");
    bufid = stdin.readLine();
    System.out.print("Wait subj name : ");
    bufname = stdin.readLine();
    String b;
    String ar[] = new String[10];

    FileReader fin = new FileReader("subj.txt");
    BufferedReader bin = new BufferedReader (fin);

    int i = 0;
    while ((b =  bin.readLine()) != null) {
      ar[i] = b;
      i = i + 1;
    }
    fin.close();
    //
    int tot = i;
    FileOutputStream fout = new FileOutputStream("subj.txt");
    BufferedOutputStream bout = new BufferedOutputStream(fout);
    PrintStream pout = new PrintStream(bout);
    i = 0;
    while (i < tot) {
      pout.println(ar[i]);
      i = i + 1;
    }
    pout.println(bufid + "," + bufname );
    System.out.println("Add Student : completely");
    pout.close();
  }
```

```java
// ==================Add Regist Data==============================
public static void addreg () throws IOException {
  BufferedReader stdin = new BufferedReader(new InputStreamReader(System.in));
  String bufid,bufname,bufgrade;
  System.out.print("Wait Student ID : ");
  bufid = stdin.readLine();
  System.out.print("Wait Subject ID : ");
  bufname = stdin.readLine();
        System.out.print("Wait Grade: ");
  bufgrade = stdin.readLine();
  String b;
  String ar[] = new String[10];

  FileReader fin = new FileReader("regist.txt");
  BufferedReader bin = new BufferedReader (fin);
  int i = 0;
  while ((b =  bin.readLine()) != null) {
   ar[i] = b;
   i = i + 1;

  }
  fin.close();
  //

  int tot = i;
  FileOutputStream fout = new FileOutputStream("regist.txt");
  BufferedOutputStream bout = new BufferedOutputStream(fout);
  PrintStream pout = new PrintStream(bout);
  i = 0;
  while (i < tot) {
   pout.println(ar[i]);
   i = i + 1;

  }
  pout.println(bufid + "," + bufname+","+ bufgrade );
  System.out.println("Add Student : completely");
  pout.close();
}
```

```java
// ====================DELETE STUDENT===============================
public static void deletestu () throws IOException {
  BufferedReader stdin = new BufferedReader(new InputStreamReader(System.in));
  String bufid;
  System.out.print("Wait STUDENT id : ");
  bufid = stdin.readLine();
  String b;
  String ar[] = new String[10];

  FileReader fin = new FileReader("student.txt");
  BufferedReader bin = new BufferedReader (fin);
  int i = 0;
  while ((b =  bin.readLine()) != null) {
   ar[i] = b;
   i = i + 1;
  }
  fin.close();
  //
  int tot = i;
  FileOutputStream fout = new FileOutputStream("student.txt");
  BufferedOutputStream bout = new BufferedOutputStream(fout);
  PrintStream pout = new PrintStream(bout);
  i = 0;
  while (i < tot) {
   if (bufid.equals(ar[i].substring(0,3))) {
     System.out.println("Delete STUDENT : completely");
   } else {
     pout.println(ar[i]);
   }
   i = i + 1;
  }
  pout.close();
}
```

```java
// ====================DELETE SUBJECT==============================
public static void deletesubj () throws IOException {
  BufferedReader stdin = new BufferedReader(new InputStreamReader(System.in));
  String bufid;
  System.out.print("Wait SUBJECT id : ");
  bufid = stdin.readLine();
  String b;
  String ar[] = new String[10];
  FileReader fin = new FileReader("subj.txt");
  BufferedReader bin = new BufferedReader (fin);
  int i = 0;
  while ((b =  bin.readLine()) != null) {
   ar[i] = b;
   i = i + 1;
  }
  fin.close();
  //
  int tot = i;
  FileOutputStream fout = new FileOutputStream("subj.txt");
  BufferedOutputStream bout = new BufferedOutputStream(fout);
  PrintStream pout = new PrintStream(bout);
  i = 0;
  while (i < tot) {
   if (bufid.equals(ar[i].substring(0,3))) {
     System.out.println("Delete SUBJECT : completely");
   } else {
     pout.println(ar[i]);
   }
   i = i + 1;
  }
  pout.close();
}
```

```java
// ====================DELETE REGIST===============================
public static void deletereg () throws IOException {
 BufferedReader stdin = new BufferedReader(new InputStreamReader(System.in));
 String bufid;
 System.out.print("Wait REGIST id : ");
 bufid = stdin.readLine();
 String b;
 String ar[] = new String[10];
 FileReader fin = new FileReader("regist.txt");
 BufferedReader bin = new BufferedReader (fin);
 int i = 0;
 while ((b =  bin.readLine()) != null) {
  ar[i] = b;
  i = i + 1;
 }
 fin.close();
 //
 int tot = i;
 FileOutputStream fout = new FileOutputStream("regist.txt");
 BufferedOutputStream bout = new BufferedOutputStream(fout);
 PrintStream pout = new PrintStream(bout);
 i = 0;
 while (i < tot) {
  if (bufid.equals(ar[i].substring(0,3))) {
    System.out.println("Delete REGIST : completely");
  } else {
    pout.println(ar[i]);
  }
  i = i + 1;
 }
 pout.close();
}
```

```java
// ==================EDIT STUDENT==================================
public static void editstu () throws IOException {
  BufferedReader stdin = new BufferedReader(new InputStreamReader(System.in));
  String bufid,bufname;
  System.out.print("Wait STUDENT id : ");
  bufid = stdin.readLine();
  System.out.print("Wait STUDENT name : ");
  bufname = stdin.readLine();
  String b;
  String ar[] = new String[10];

  FileReader fin = new FileReader("student.txt");
  BufferedReader bin = new BufferedReader (fin);

  int i = 0;

  while ((b =  bin.readLine()) != null) {
   ar[i] = b;
   i = i + 1;
  }
  fin.close();
  //
  int tot = i;
  FileOutputStream fout = new FileOutputStream("student.txt");
  BufferedOutputStream bout = new BufferedOutputStream(fout);
  PrintStream pout = new PrintStream(bout);
  i = 0;
  while (i < tot) {
   if (bufid.equals(ar[i].substring(0,3))) {
     pout.println(bufid + "," + bufname);
     System.out.println("Edit STUDENT : completely");
   } else {
     pout.println(ar[i]);
   }
   i = i + 1;
  }
  pout.close();
}
```

```java
// ==================EDIT SUBJECT================================
public static void editsubj () throws IOException {
  BufferedReader stdin = new BufferedReader(new InputStreamReader(System.in));
  String bufid,bufname;
  System.out.print("Wait SUBJECT id : ");
  bufid = stdin.readLine();
  System.out.print("Wait SUBJECT name : ");
  bufname = stdin.readLine();
  String b;
  String ar[] = new String[10];

  FileReader fin = new FileReader("subj.txt");
  BufferedReader bin = new BufferedReader (fin);

  int i = 0;
  while ((b =  bin.readLine()) != null) {
    ar[i] = b;
    i = i + 1;
  }
  fin.close();
  //
  int tot = i;
  FileOutputStream fout = new FileOutputStream("subj.txt");
  BufferedOutputStream bout = new BufferedOutputStream(fout);
  PrintStream pout = new PrintStream(bout);

  i = 0;
  while (i < tot) {
    if (bufid.equals(ar[i].substring(0,3))) {
      pout.println(bufid + "," + bufname);
      System.out.println("Edit SUBJECT : completely");
    } else {
      pout.println(ar[i]);
    }
    i = i + 1;
  }
  pout.close();
}
```

```java
// ===================EDIT REGIST==================================
public static void editreg () throws IOException {
  BufferedReader stdin = new BufferedReader(new InputStreamReader(System.in));
  String bufid,bufname,bufgrade;
  System.out.print("Wait STUDENT ID : ");
  bufid = stdin.readLine();
  System.out.print("Wait SUBJECT ID : ");
  bufname = stdin.readLine();
        System.out.print("Wait Grade : ");
  bufgrade = stdin.readLine();
  String b;
  String ar[] = new String[10];

  FileReader fin = new FileReader("regist.txt");
  BufferedReader bin = new BufferedReader (fin);

  int i = 0;

  while ((b =  bin.readLine()) != null) {
   ar[i] = b;
   i = i + 1;

  }
  fin.close();
  //

  int tot = i;
  FileOutputStream fout = new FileOutputStream("regist.txt");
  BufferedOutputStream bout = new BufferedOutputStream(fout);
  PrintStream pout = new PrintStream(bout);

  i = 0;

  while (i < tot) {
   if (bufid.equals(ar[i].substring(0,3))) {

     pout.println(bufid + "," + bufname+","+bufgrade);
     System.out.println("Edit REGIST : completely");
   } else {
     pout.println(ar[i]);
   }
   i = i + 1;

  }
  pout.close();
}
```

```java
// ====================List DATA=================================
public static void list (String f) throws IOException {
  int n = 0;

  byte b[] = new byte[128];
  FileInputStream fin = new FileInputStream(f);
  while ((n = fin.read(b)) != -1) {

    for(int i=0;i<n;i++) {
      System.out.print((char)b[i]);
    }
  }
  fin.close();
 }
}
```