```csharp
using System;

using System.Collections.Generic;

using System.Text;

using System.Collections;


namespace StudentsManagement

{

    public delegate void Del();


    class System

    {

        private Classroom classroomn;

        private Analyzer analyzer;

        protected Del[] methodes;

        public System(Classroom classroom,Analyzer analyzer)

        {

            this.classroomn = classroom;

            this.analyzer = analyzer;

            setMethodes();

        }


        public void setMethodes()

        {

            Del printStudentsData = new Del(analyzer.printStudentsData);

            Del printBetterStudents = new Del(analyzer.printBetterStudents);

            Del printStudentsAbove = new Del(analyzer.printStudentsAbove);

            methodes = new Del[] { printStudentsData, printBetterStudents,printStudentsAbove };

        }

        private void runDel(int choice)

        {

            Del temp = methodes[choice - 1];

            temp();

        }

        public void run()

        {

            bool run = true;

            bool menu = true;
```

```csharp
            while (run)
            {
                Console.Clear();
                if (menu)
                {
                    Console.ForegroundColor = ConsoleColor.Green;
                    Console.WriteLine("Menu:\n");
                    Console.ForegroundColor = ConsoleColor.White;
                    Console.WriteLine("1. Students Data \n2. Better Students\n3. students above (grade) in (subject)");
                    Console.WriteLine("--------------------------\n");
                }
                Console.WriteLine("TIP: to hide menu, type: 'H'. to show type: 'S' \n ");
                string input = Console.ReadLine();
                try{

                    if (input == "H")
                        menu = false;


                    else if (input == "S")
                        menu = true;
                    else if (int.Parse(input) - 1 < methodes.Length)
                    {
                        methodes[int.Parse(input) - 1]();
                        Console.ReadLine();
                    }



                }
                catch
                {

                }
            }

        }
    }
}
```