

Ayem Syed

F2S CIS DOSSIA, 622 Java Programming

Assignment 5

Due Nov 24th

Assignment 5

Class Diagram

Student

```
- int SID
- int[] scores

+ Student(int, int[])
+ Student()

+ getSID() -> int
+ getScores() -> int[]
+ getScore(int) -> int
+ setSID(int)
+ setScore(int, int)
+ print()
```

Statistics

```
- int[] lowScores
- int[] highScores
- double[] avgScores

+ findLow(Student[])
+ findHigh(Student[])
+ findAvg(Student[])
+ print()
+ printRow(String, int[])
```

Util

```
+ Util()
+ readFile(String, Student[])
  -> Student[]
```

Uses
Association

Analyzer Driver

Uses
Association

Contains

```
+ static final String FILE_NAME
+ static final int MAX_STUDENTS
+ static printDataHeader() -> void
+ static printStudentData(Student[]) -> void
+ static main(String[]) -> void
```