

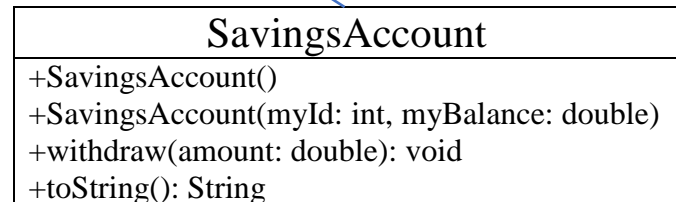
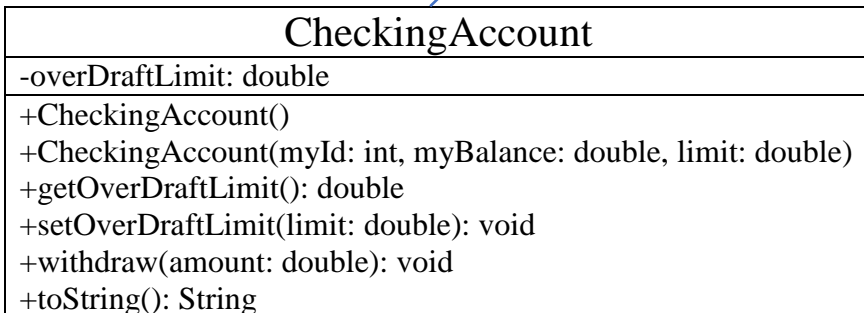
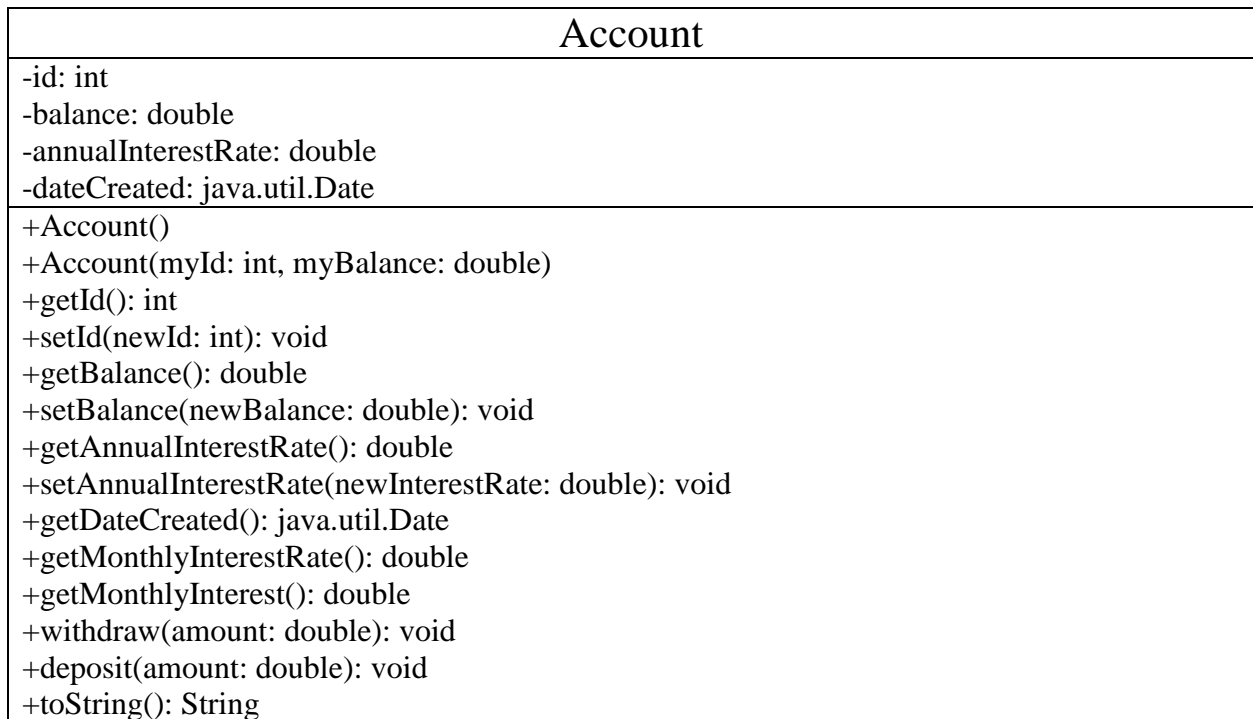
//problem 11.1

<i>Geometric Object</i>
-color: String -filled: boolean -dateCreated: java.util.Date
#GeometricObject() #GeometricObject(color: String, filled: boolean) +getColor(): String +setColor(color: String): void +isFilled(): boolean +setFilled(filled: boolean): void +getDateCreated(): java.util.Date +toString(): String +getArea(): double +getPerimeter(): double



Triangle
-side1: double -side2: double -side 3: double
+Triangle() +Triangle(s1: double, s2: double, s3: double) +getSide1(): double +getSide2(): double +getSide3(): double +getArea(): double +getPerimeter(): double +toString(): String

//problem 11.3



//problem 11.5

Course
-courseName: String -students: ArrayList<String> -numberOfStudents: int
+Course(courseName: String) +addStudents(student: String): void +getStudents(): ArrayList<String> +getNumberOfStudents(): int +getCourseName(): String +dropStudent(student: String): void +clear(): void