

```
public class GeometricObject {
```

```
-----  
- String color = "white";  
-boolean filled;  
- java.util.Date dateCreated;  
-----
```

```
+ GeometricObject() {  
    dateCreated = new java.util.Date();  
+GeometricObject(String color , boolean filled) {  
+String getColor() {  
+void setColor(String color) {  
+boolean isFilled() {  
+void setFilled(boolean filled){  
+ java.util.Date getDateCreated(){  
+ String toString(){
```

```
+class Triangle extends GeometricObject {
```

```
-----  
- double side1 = 1;  
- double side2 = 1;  
- double side3 = 1;  
-----
```

```
+Triangle(){  
+ Triangle(double side1, double side2, double side3)  
+ double getSide1() {  
+ void setSide1(double side1) {  
+double getSide2() {  
+void setSide2(double side2) {  
+double getSide3() {  
+void setSide3(double side3) {  
+double getArea(){  
double s = (side1 + side2 + side3)/2;  
+double getPerimeter() {  
+String toString(){  
+class Account {  
+int id = 0;  
+double balance = 0 ;  
+double annualInterestRate = 0;  
+ java.util.Date dateCreated;  
+Account() {  
+Account(int id , double balance) {  
+int getId()
```

```
+double getbalance(){
+double getannualInterestRate () {
+String getDateCreated() {
+void setId(int id) {
+ void setBalance(double balance)
+ void setAnnualInterestRate(double annualInterestRate)
+double getMonthlyInterestRate() {
+double getMonthlyInterest()
+void withdraw(double amount)
+void deposit(double amount) {
```