```xml
pom.xml

<?xml version="1.0" encoding="UTF-8"?>
<project xmlns="http://maven.apache.org/POM/4.0.0"
    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/xsd/maven-4.0.0.xsd">
    <modelVersion>4.0.0</modelVersion>

    <groupId>com.marwan.dev</groupId>
    <artifactId>google-auto-value-tutorial</artifactId>
    <version>1.0-SNAPSHOT</version>

    <properties>
        <maven.compiler.source>24</maven.compiler.source>
        <maven.compiler.target>24</maven.compiler.target>
        <project.build.sourceEncoding>UTF-8</project.build.sourceEncoding>
    </properties>

</project>
```

```java
package com.marwan.dev;


import com.marwan.dev.model.Employee;


public class Main { new *


    public static void main(String[] args) { new *

        Employee employee1 = new Employee( id: 90,  fName: "Mohamed",  lName: "Ayman");


        System.out.println(employee1);

    }

}
```

```java
package com.marwan.dev.model;

import java.util.Objects;

public class Employee {

    private final int id;
    private final String fName;
    private final String lName;
    // Add fields like you want to

    public Employee(int id, String fName, String lName) {
        this.id = id;
        this.fName = fName;
        this.lName = lName;
    }

    public int getId() {
        return id;
    }

    public String getfName() {
        return fName;
    }

    public String getlName() {
        return lName;
    }

    @Override
    public boolean equals(Object o) {
        if (!(o instanceof Employee employee)) {
            return false;
        }
        return getId() == employee.getId() && Objects.equals(getfName(), employee.getfName())
            && Objects.equals(getlName(), employee.getlName());
    }

    @Override
    public int hashCode() {
        return Objects.hash(getId(), getfName(), getlName());
    }

    @Override
    public String toString() {
        return "Employee{id=" + id + ", fName='" + fName + "', lName='" + lName + "'}";
    }
}
```

```xml
pom.xml

<?xml version="1.0" encoding="UTF-8"?>
<project xmlns="http://maven.apache.org/POM/4.0.0"
    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/xsd/maven-4.0.0.xsd">
    <modelVersion>4.0.0</modelVersion>

    <groupId>com.marwan.dev</groupId>
    <artifactId>google-auto-value-tutorial</artifactId>
    <version>1.0-SNAPSHOT</version>

    <properties>
        <maven.compiler.source>24</maven.compiler.source>
        <maven.compiler.target>24</maven.compiler.target>
        <project.build.sourceEncoding>UTF-8</project.build.sourceEncoding>
    </properties>

    <dependencies>
    <dependency>
        <groupId>com.google.auto.value</groupId>
        <artifactId>auto-value-annotations</artifactId>
        <version>1.11.0</version>
    </dependency>
</dependencies>
    <build>
    <plugins>
        <plugin>
            <artifactId>maven-compiler-plugin</artifactId>
            <configuration>
                <annotationProcessorPaths>
                    <path>
                        <groupId>com.google.auto.value</groupId>
                        <artifactId>auto-value</artifactId>
                        <version>1.11.0</version>
                    </path>
                </annotationProcessorPaths>
            </configuration>
        </plugin>
    </plugins>
</build>
</project>
```

```java
package com.marwan.dev;


import com.marwan.dev.model.Employee;


public class Main { new *


  public static void main(String[] args) { new *
    Employee employee1 = Employee.create( id: 90,  fName: "Mohamed",  lName: "Ayman");


    System.out.println(employee1);


  }
}
```

```java
Employee.java

package com.marwan.dev.model;


import com.google.auto.value.AutoValue;


@AutoValue  10 usages  1 inheritor  new *
public abstract class Employee {

    abstract int getId();  1 usage  1 implementation  new *
    abstract String fName();  1 usage  1 implementation  new *
    abstract String lName();  1 usage  1 implementation  new *
    // Add fields like you want to

    public static Employee create(int id, String fName, String lName) {
        return new AutoValue_Employee(id, fName, lName);
    }
}
```

```java
package com.marwan.dev.model;

import javax.annotation.processing.Generated;

@Generated("com.google.auto.value.processor.AutoValueProcessor")
final class AutoValue_Employee extends Employee {

    private final int getId;  5 usages

    private final String fName;  5 usages

    private final String lName;  5 usages

    AutoValue_Employee(  1 usage
        int getId,
        String fName,
        String lName) {
      this.getId = getId;
      if (fName == null) {
        throw new NullPointerException("Null fName");
      }
      this.fName = fName;
      if (lName == null) {
        throw new NullPointerException("Null lName");
      }
      this.lName = lName;
    }

    @Override  1 usage
    int getId() {
      return getId;
    }

    @Override  1 usage
    String fName() {
      return fName;
    }

    @Override  1 usage
    String lName() {
      return lName;
    }

    @Override  1 usage
    public String toString() {
      return "Employee{"
          + "getId=" + getId + ", "
          + "fName=" + fName + ", "
          + "lName=" + lName
          + "}";
    }

    @Override  2 usages
    public boolean equals(Object o) {
      if (o == this) {
        return true;
      }
      if (o instanceof Employee) {
        Employee that = (Employee) o;
        return this.getId == that.getId()
            && this.fName.equals(that.fName())
            && this.lName.equals(that.lName());
      }
      return false;
    }

    @Override  2 usages
    public int hashCode() {
      int h$ = 1;
      h$ *= 1000003;
      h$ ^= getId;
      h$ *= 1000003;
      h$ ^= fName.hashCode();
      h$ *= 1000003;
      h$ ^= lName.hashCode();
      return h$;
    }
}
```