**Day 15\_Java Assignment**

**1. Problem Description:**

What is the diamond problem in multiple inheritance and give an example?

**2. My Solution:**

Diamond Problem is a problem faced during Multiple Inheritance in Java.

Example:

**package** daily\_assesment;

**class** Parent1 {

**void** fun() { System.***out***.println("Parent1"); }

}

**class** Parent2 {

**void** fun() {

System.***out***.println("Parent2");

}

}

**public** **class** Test7 **extends** Parent1, Parent2 {

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

Test7 t = **new** Test7();

t.fun();

}

}

Output:

Exception in thread "main" java.lang.Error: Unresolved compilation problems:

Syntax error on token "]", :: expected after this token

Syntax error, insert "SimpleName" to complete Type

at daily\_assesment.Test7.main(Test7.java:13)