Based on the following UML diagram, complete the application in **Figure 1**, demonstrating clearly how **polymorphism** is realized in java.

In the class Name the print method will just print the name as Normal e.g. Cork

In the class UnderLine the name should be printed with a line underneath e.g. Cork

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In the class Uppercase the name should be printed in capitals e.g. CORK

(use method toUpperCase() )

Name

#String value

Name(String v)

void print()

void resetName(String v)

UpperCase

UpperCase(String v)

void print()

UnderLine

UnderLine(String v)

void print()

class Name

{

:

}

**public** **class** NameTest {

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

Name[] list=**new** Name[4];

list[0]= **new** Name("Athy");

list[1]= **new** UnderLine("Bally");

list[2]= **new** UpperCase("Cork");

list[3]= **new** UnderLine("Derry");

**for**(**int** i=0;i<list.length;i++){

list[i].print();

System.*out*.println();

}

}

}

Figure 1