**package** org.strings;

**public** **class** Types {

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

//Literal String

String s = "Java";

String s1 = "Java";

System.***out***.println(System.*identityHashCode*(s));

System.***out***.println(System.*identityHashCode*(s1));

//Non Literal String

String s2 = **new** String("Java");

String s3 = **new** String("Java");

System.***out***.println(System.*identityHashCode*(s2));

System.***out***.println(System.*identityHashCode*(s3));

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

//immutable String

String s4 = "Java";

String s5 = "Program";

System.***out***.println(System.*identityHashCode*(s4));

s4 = s4.concat(s5);

System.***out***.println(System.*identityHashCode*(s4));

//mutable String

StringBuilder s6 = **new** StringBuilder("Java");

StringBuilder s7 = **new** StringBuilder("Program");

System.***out***.println(System.*identityHashCode*(s6));

s6 = s6.append(s7);

System.***out***.println(System.*identityHashCode*(s6));

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

//Empty String

String s8 = "";

System.***out***.println(System.*identityHashCode*(s8));

//Null String

String s9 = **null**;

System.***out***.println(System.*identityHashCode*(s9));

}

}