What is toString?

According to a YouTube tutorial:

**//First instance**

**class** Frog{

**public** String toString(){

**return** "Hello";

}

}

**class** apples {

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

Frog frog1 = **new** Frog();

System.*out*.println(frog1);

}

}

Result is : Hello

toString is pretty much the **representation string of a class**.

**//Second instance**

**class** Frog{

**private** **int** id;

**private** String name;

**public** Frog(**int** id, String name){

**this**.id=id;

**this**.name=name;

}

**public** String toString(){

**return** id+" : "+name; //uses many strings-->ineffective

//more efficient alternative:

/\*

StringBuilder sb = new StringBuilder();

sb.append(id).append(" : ").append(name);

return sb.toString();

\*/

}

}

**class** apples {

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

Frog frog1 = **new** Frog(7, "Freddy");

Frog frog2 = **new** Frog(5, "Roger");

System.*out*.println(frog1);

System.*out*.println(frog2);

}

}

Result is :

7 : Freddy

5 : Roger

There is also the Bucky’s example using “this”, which refers to the toString method. In case you’re wondering, check out the video on YouTube.