class Gen<I,S,F>

{

I ob1;

S ob2;

F ob3;

Gen(I o1, S o2,F o3)

{

ob1=o1;

ob2=o2;

ob3=o3;

}

void showTypes()

{

System.out.println("Type of I is " +ob1.getClass().getName());

System.out.println("Type of S is " +ob2.getClass().getName());

System.out.println("Type of F is " +ob3.getClass().getName());

}

I getob1()

{

return ob1;

}

S getob2()

{

return ob2;

}

F getob3()

{

return ob3;

}

}

class MainGen

{

public static void main(String args[])

{

Gen<Integer, String,Float> tgObj = new Gen<Integer, String,Float>(123, "Generics",0.987f);

tgObj.showTypes();

int a=tgObj.getob1();

System.out.println("Integer value is: " +a);

String b=tgObj.getob2();

System.out.println("String value is: " +b);

Float c=tgObj.getob3();

System.out.println("Float value is: "+c);

}

}

