```
entry
```

```
L0
LINENUMBER 153 L0
GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
                                                    LDC "
testFields2"
INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
L1
LINENUMBER 154 L1
ICONST_1
INVOKESTATIC edu/cmu/cs/mvelezce/taints/Sources.A_0 (Z)Z
ISTORE 0
L2
LINENUMBER 156 L2
NEW edu/cmu/cs/mvelezce/implicit/Garage
DUP
INVOKESPECIAL edu/cmu/cs/mvelezce/implicit/Garage.<init> ()V
ASTORE 1
L3
LINENUMBER 157 L3
NEW edu/cmu/cs/mvelezce/implicit/Car
DUP
LDC "Honda"
SIPUSH 2018
ICONST_0
INVOKESPECIAL edu/cmu/cs/mvelezce/implicit/Car.<init> (Ljava/lang/String;IZ)V
ASTORE 2
L4
LINENUMBER 163 L4
ILOAD 0
LDC "edu/cmu/cs/mvelezce/implicit/Test.testFields2()V.0"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.enterDecision (Ljava/lang/String;)V
DUP
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIFEQEval (I)V
IFEQ L5
```

```
L6
LINENUMBER 164 L6
ALOAD 2
LDC "Renault"
INVOKEVIRTUAL edu/cmu/cs/mvelezce/implicit/Car.setName (Ljava/lang/String;)V
L7
LINENUMBER 165 L7
ALOAD 2
SIPUSH 2015
INVOKEVIRTUAL edu/cmu/cs/mvelezce/implicit/Car.setYear (I)V
```

```
L5
FRAME APPEND [I edu/cmu/cs/mvelezce/implicit/Garage edu/cmu/cs/mvelezce/implicit/Car]
LDC "edu/cmu/cs/mvelezce/implicit/Test.testFields2()V.0"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;)V
L8
LINENUMBER 168 L8
ALOAD 2
INVOKEVIRTUAL edu/cmu/cs/mvelezce/implicit/Car.getYear ()I
ICONST_5
IADD
ISTORE 3
L9
LINENUMBER 170 L9
ILOAD 3
BIPUSH 20
LDC "edu/cmu/cs/mvelezce/implicit/Test.testFields2()V.1"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.enterDecision (Ljava/lang/String;)V
DUP2
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIF_ICMPLEEval (II)V
IF_ICMPLE L10
```

```
L11
LINENUMBER 171 L11
GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
LDC "something"
INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
```

```
L10
FRAME APPEND [I]
LDC "edu/cmu/cs/mvelezce/implicit/Test.testFields2()V.1"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;)V
L12
LINENUMBER 174 L12
ALOAD 2
INVOKEVIRTUAL edu/cmu/cs/mvelezce/implicit/Car.getYear ()I
SIPUSH 2018
LDC "edu/cmu/cs/mvelezce/implicit/Test.testFields2()V.2"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.enterDecision (Ljava/lang/String;)V
DUP2
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIF_ICMPNEEval (II)V
IF_ICMPNE L13
```

```
L14
LINENUMBER 175 L14
GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
LDC "Renault"
INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
```

```
L13
FRAME SAME
LDC "edu/cmu/cs/mvelezce/implicit/Test.testFields2()V.2"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;)V
L15
LINENUMBER 178 L15
ALOAD 2
INVOKEVIRTUAL edu/cmu/cs/mvelezce/implicit/Car.getName ()Ljava/lang/String;
LDC "Honda"
LDC "edu/cmu/cs/mvelezce/implicit/Test.testFields2()V.3"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.enterDecision (Ljava/lang/String;)V
DUP2
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIF_ACMPNEEval (Ljava/lang/Object;Ljava/lang/Object;)V
IF_ACMPNE L16
```

```
L17
LINENUMBER 179 L17
GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
LDC "Honda"
INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
```

```
L16
FRAME SAME
LDC "edu/cmu/cs/mvelezce/implicit/Test.testFields2()V.3"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;)V
L18
LINENUMBER 182 L18
ALOAD 2
INVOKESTATIC edu/cmu/cs/mvelezce/implicit/Car.copy (Ledu/cmu/cs/mvelezce/implicit/Car;)Ledu/cmu/cs/mvelezce/implicit/Car;
ASTORE 4
L19
LINENUMBER 183 L19
GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
ALOAD 4
INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/Object;)V
L20
LINENUMBER 184 L20
RETURN
L21
```

```
exit
```