```
entry
```

```
L0
LINENUMBER 154 L0
GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
                              LDC "
testFields2"
INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
L1
LINENUMBER 155 L1
ICONST_1
INVOKESTATIC edu/cmu/cs/mvelezce/taints/Sources.A_0 (Z)Z
ISTORE 0
L2
LINENUMBER 157 L2
NEW edu/cmu/cs/mvelezce/implicit/Garage
DUP
INVOKESPECIAL edu/cmu/cs/mvelezce/implicit/Garage.<init> ()V
ASTORE 1
L3
LINENUMBER 158 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 164 L4
ILOAD 0
GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
LDC "Entering edu/cmu/cs/mvelezce/implicit/Test.testFields2()V.0"
INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
IFEQ L5
```

```
L6
LINENUMBER 165 L6
ALOAD 2
LDC "Renault"
INVOKEVIRTUAL edu/cmu/cs/mvelezce/implicit/Car.setName (Ljava/lang/String;)V
L7
LINENUMBER 166 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]
GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
LDC "Exiting edu/cmu/cs/mvelezce/implicit/Test.testFields2()V.0"
INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
L8
LINENUMBER 169 L8
ALOAD 2
INVOKEVIRTUAL edu/cmu/cs/mvelezce/implicit/Car.getYear ()I
ICONST_5
IADD
ISTORE 3
L9
LINENUMBER 171 L9
ILOAD 3
BIPUSH 20
GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
LDC "Entering edu/cmu/cs/mvelezce/implicit/Test.testFields2()V.1"
INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
IF_ICMPLE L10
```

```
L11
LINENUMBER 172 L11
GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
LDC "something"
INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
```

```
L10
FRAME APPEND [I]
GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
LDC "Exiting edu/cmu/cs/mvelezce/implicit/Test.testFields2()V.1"
INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
L12
LINENUMBER 175 L12
ALOAD 2
INVOKEVIRTUAL edu/cmu/cs/mvelezce/implicit/Car.getYear ()I
SIPUSH 2018
GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
LDC "Entering edu/cmu/cs/mvelezce/implicit/Test.testFields2()V.2"
INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
IF_ICMPNE L13
```

```
L14
LINENUMBER 176 L14
GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
LDC "Renault"
INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
```

```
L13
FRAME SAME
GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
LDC "Exiting edu/cmu/cs/mvelezce/implicit/Test.testFields2()V.2"
INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
L15
LINENUMBER 179 L15
ALOAD 2
INVOKEVIRTUAL edu/cmu/cs/mvelezce/implicit/Car.getName ()Ljava/lang/String;
LDC "Honda"
GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
LDC "Entering edu/cmu/cs/mvelezce/implicit/Test.testFields2()V.3"
INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
IF_ACMPNE L16
```

```
L17
LINENUMBER 180 L17
GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
LDC "Honda"
INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
```

```
L16
FRAME SAME
GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
LDC "Exiting edu/cmu/cs/mvelezce/implicit/Test.testFields2()V.3"
INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
L18
LINENUMBER 183 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 184 L19
GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
ALOAD 4
INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/Object;)V
L20
LINENUMBER 185 L20
RETURN
L21
```

```
exit
```