```
entry
```

```
L0
LINENUMBER 66 L0
GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
                                  LDC "
testBranchNotTaken"
INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
L1
LINENUMBER 67 L1
ICONST_0
INVOKESTATIC edu/cmu/cs/mvelezce/taints/Sources.A_0 (Z)Z
ISTORE 0
L2
LINENUMBER 68 L2
LDC "example2"
ASTORE 1
L3
LINENUMBER 70 L3
ACONST_NULL
ASTORE 2
L4
LINENUMBER 71 L4
BIPUSH 100
ISTORE 3
L5
LINENUMBER 73 L5
ILOAD 0
GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
LDC "edu/cmu/cs/mvelezce/implicit/Test.testBranchNotTaken()V.0"
INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
IFEQ L6
```

```
L7
LINENUMBER 74 L7
SIPUSH 1000
ISTORE 3
L8
LINENUMBER 75 L8
LDC "example2"
ASTORE 2
```

```
L6
LINENUMBER 78 L6
FRAME FULL [I java/lang/String java/lang/String I] []
ALOAD 2
GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
LDC "edu/cmu/cs/mvelezce/implicit/Test.testBranchNotTaken()V.1"
INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
IFNULL L9
```

```
L10
LINENUMBER 79 L10
GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
ALOAD 2
INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
```

```
L9
LINENUMBER 82 L9
FRAME SAME
ALOAD 2
ALOAD 1
GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
LDC "edu/cmu/cs/mvelezce/implicit/Test.testBranchNotTaken()V.2"
INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
IF_ACMPNE L11
```

```
L12
LINENUMBER 83 L12
GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
ALOAD 2
INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
```

```
L11
LINENUMBER 86 L11
FRAME SAME
ILOAD 3
SIPUSH 500
GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
LDC "edu/cmu/cs/mvelezce/implicit/Test.testBranchNotTaken()V.3"
INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
IF_ICMPGE L13
```

```
L14
LINENUMBER 87 L14
GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
ALOAD 2
INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
```

```
L13
LINENUMBER 89 L13
FRAME SAME
RETURN
L15
```

```
exit
```