```
entry
```

```
L0
LINENUMBER 33 L0
LDC "78dd7329-7e62-4c50-9cc4-055bbbe904e7"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.enter (Ljava/lang/String;)V
ALOAD 0
INVOKESPECIAL java/lang/Object.<init> ()V
L1
LINENUMBER 34 L1
ALOAD 3
IFNONNULL L2
```

```
L3
LINENUMBER 35 L3
NEW java/lang/NullPointerException
DUP
LDC "Invalid null print stream parameter"
INVOKESPECIAL java/lang/NullPointerException.<init> (Ljava/lang/String;)V
ATHROW
```

```
L2
LINENUMBER 38 L2
FRAME FULL [kanzi/app/InfoPrinter I kanzi/app/InfoPrinter$Type java/io/PrintStream] []
ALOAD 0
ALOAD 3
PUTFIELD kanzi/app/InfoPrinter.ps : Ljava/io/PrintStream;
L4
LINENUMBER 39 L4
ALOAD 0
ILOAD 1
PUTFIELD kanzi/app/InfoPrinter.level : I
L5
LINENUMBER 40 L5
ALOAD 0
ALOAD 2
PUTFIELD kanzi/app/InfoPrinter.type : Lkanzi/app/InfoPrinter$Type;
L6
LINENUMBER 41 L6
ALOAD 0
NEW java/util/concurrent/ConcurrentHashMap
DUP
INVOKESPECIAL java/util/concurrent/ConcurrentHashMap.<init> ()V
PUTFIELD kanzi/app/InfoPrinter.map : Ljava/util/Map;
L7
LINENUMBER 42 L7
ALOAD 0
ALOAD 2
GETSTATIC kanzi/app/InfoPrinter$Type.ENCODING : Lkanzi/app/InfoPrinter$Type;
IF_ACMPNE L8
```

```
BIPUSH 6
ANEWARRAY kanzi/Event$Type
DUP
ICONST_0
GETSTATIC kanzi/Event$Type.COMPRESSION_START : Lkanzi/Event$Type;
AASTORE
DUP
ICONST_1
GETSTATIC kanzi/Event$Type.BEFORE_TRANSFORM : Lkanzi/Event$Type;
AASTORE
DUP
ICONST_2
GETSTATIC kanzi/Event$Type.AFTER_TRANSFORM : Lkanzi/Event$Type;
AASTORE
DUP
ICONST_3
GETSTATIC kanzi/Event$Type.BEFORE_ENTROPY : Lkanzi/Event$Type;
AASTORE
DUP
ICONST_4
GETSTATIC kanzi/Event$Type.AFTER_ENTROPY : Lkanzi/Event$Type;
AASTORE
DUP
ICONST_5
GETSTATIC kanzi/Event$Type.COMPRESSION_END : Lkanzi/Event$Type;
AASTORE
GOTO L9
```

```
L8
FRAME SAME1 kanzi/app/InfoPrinter
BIPUSH 6
ANEWARRAY kanzi/Event$Type
DUP
ICONST_0
GETSTATIC kanzi/Event$Type.DECOMPRESSION_START : Lkanzi/Event$Type;
AASTORE
DUP
ICONST_1
GETSTATIC kanzi/Event$Type.BEFORE_ENTROPY : Lkanzi/Event$Type;
AASTORE
DUP
ICONST_2
GETSTATIC kanzi/Event$Type.AFTER_ENTROPY : Lkanzi/Event$Type;
AASTORE
DUP
ICONST_3
GETSTATIC kanzi/Event$Type.BEFORE_TRANSFORM : Lkanzi/Event$Type;
AASTORE
DUP
ICONST_4
GETSTATIC kanzi/Event$Type.AFTER_TRANSFORM : Lkanzi/Event$Type;
AASTORE
DUP
ICONST_5
GETSTATIC kanzi/Event$Type.DECOMPRESSION_END : Lkanzi/Event$Type;
AASTORE
```

```
L9
FRAME FULL [kanzi/app/InfoPrinter I kanzi/app/InfoPrinter$Type java/io/PrintStream] [kanzi/app/InfoPrinter [Lkanzi/Event$Type;]
PUTFIELD kanzi/app/InfoPrinter.thresholds : [Lkanzi/Event$Type;
L10
LINENUMBER 61 L10
LDC "78dd7329-7e62-4c50-9cc4-055bbbe904e7"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.exit (Ljava/lang/String;)V
RETURN
```

```
exit
```