```
entry
```

```
L0
LINENUMBER 15 L0
ICONST_0
ISTORE 0
L1
LINENUMBER 17 L1
GETSTATIC edu/cmu/cs/mvelezce/TimerHelper.REGIONS_TO_TIME : Ljava/util/Map;
INVOKEINTERFACE java/util/Map.entrySet ()Ljava/util/Set;
INVOKEINTERFACE java/util/Set.iterator ()Ljava/util/Iterator;
ASTORE 1
```

```
ALOAD 1
INVOKEINTERFACE java/util/Iterator.next ()Ljava/lang/Object;
CHECKCAST java/util/Map$Entry
ASTORE 2
L4
LINENUMBER 18 L4
ALOAD 2
INVOKEINTERFACE java/util/Map$Entry.getValue ()Ljava/lang/Object;
CHECKCAST java/lang/Integer
INVOKEVIRTUAL java/lang/Integer.intValue ()I
ISTORE 3
L5
LINENUMBER 19 L5
ILOAD 0
ILOAD 3
IADD
ISTORE 0
L6
LINENUMBER 20 L6
GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
NEW java/lang/StringBuilder
DUP
INVOKESPECIAL java/lang/StringBuilder.<init> ()V
ALOAD 2
INVOKEINTERFACE java/util/Map$Entry.getKey ()Ljava/lang/Object;
CHECKCAST java/lang/String
INVOKEVIRTUAL java/lang/StringBuilder.append (Ljava/lang/String;)Ljava/lang/StringBuilder;
LDC " -> "
INVOKEVIRTUAL java/lang/StringBuilder.append (Ljava/lang/String;)Ljava/lang/StringBuilder;
ILOAD 3
INVOKEVIRTUAL java/lang/StringBuilder.append (I)Ljava/lang/StringBuilder;
INVOKEVIRTUAL java/lang/StringBuilder.toString ()Ljava/lang/String;
INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
L7
LINENUMBER 21 L7
GOTO L2
```

```
L2
FRAME APPEND [I java/util/Iterator]
ALOAD 1
INVOKEINTERFACE java/util/Iterator.hasNext ()Z
LDC "edu/cmu/cs/mvelezce/TimerHelper.printExecutionTime()V"
BIPUSH 0
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogging.enterDecision (Ljava/lang/String;I)V
IFEQ L3
```

```
L3
FRAME SAME
LDC "edu/cmu/cs/mvelezce/TimerHelper.printExecutionTime()V"
BIPUSH 0
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogging.exitDecision (Ljava/lang/String;I)V
L8
LINENUMBER 23 L8
GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
NEW java/lang/StringBuilder
DUP
INVOKESPECIAL java/lang/StringBuilder.<init> ()V
LDC "Total time: "
INVOKEVIRTUAL java/lang/StringBuilder.append (Ljava/lang/String;)Ljava/lang/StringBuilder;
ILOAD 0
INVOKEVIRTUAL java/lang/StringBuilder.append (I)Ljava/lang/StringBuilder;
INVOKEVIRTUAL java/lang/StringBuilder.toString ()Ljava/lang/String;
INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
L9
LINENUMBER 24 L9
RETURN
L10
```

```
exit
```