```
GETSTATIC edu/cmu/cs/mvelezce/analysis/Align.STACK : Ljava/util/Deque;
INVOKEINTERFACE java/util/Deque.peekFirst ()Ljava/lang/Object;
CHECKCAST java/lang/String
ALOAD 0
INVOKEVIRTUAL java/lang/String.equals (Ljava/lang/Object;)Z
GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
LDC "edu/cmu/cs/mvelezce/analysis/Align.end(Ljava/lang/String;)V.1"
INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
IFEQ L2
```

entry

```
L3
LINENUMBER 78 L3
GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
NEW java/lang/StringBuilder
DUP
INVOKESPECIAL java/lang/StringBuilder.<init> ()V
LDC "D"
INVOKEVIRTUAL java/lang/StringBuilder.append (Ljava/lang/String;)Ljava/lang/StringBuilder;
ALOAD 0
INVOKEVIRTUAL java/lang/StringBuilder.append (Ljava/lang/String;)Ljava/lang/StringBuilder;
LDC "_E_"
INVOKEVIRTUAL java/lang/StringBuilder.append (Ljava/lang/String;)Ljava/lang/StringBuilder;
ILOAD 1
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
L4
LINENUMBER 80 L4
IINC 1 -1
L5
LINENUMBER 81 L5
GETSTATIC edu/cmu/cs/mvelezce/analysis/Align.STACK : Ljava/util/Deque;
INVOKEINTERFACE java/util/Deque.removeFirst ()Ljava/lang/Object;
POP
GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
LDC "edu/cmu/cs/mvelezce/analysis/Align.end(Ljava/lang/String;)V.2"
INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
GOTO L1
```

```
L0
LINENUMBER 75 L0
GETSTATIC edu/cmu/cs/mvelezce/analysis/Align.IDSTOCOUNT : Ljava/util/Map;
ALOAD 0
INVOKEINTERFACE java/util/Map.get (Ljava/lang/Object;)Ljava/lang/Object;
CHECKCAST java/lang/Integer
INVOKEVIRTUAL java/lang/Integer.intValue ()I
ISTORE 1
```

```
L1
LINENUMBER 77 L1
FRAME APPEND [I]
GETSTATIC edu/cmu/cs/mvelezce/analysis/Align.STACK : Ljava/util/Deque;
INVOKEINTERFACE java/util/Deque.isEmpty ()Z
GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
LDC "edu/cmu/cs/mvelezce/analysis/Align.end(Ljava/lang/String;)V.0"
INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
IFNE L2
```

```
L2
LINENUMBER 83 L2
FRAME SAME
RETURN
L6
```

exit