1) 1pt. What are "traces" as defined in the paper?
*extended basic blocks
*frequently executed bytecode sequences
*instructions in loops
control flow graph of a method
performance data profiles
bytecode method

2) 2pts. What does TraceMonkey use in "Mixed-mode" execution?
*interpretation
*trace compilation
method compilation
multiple compilers

3) 1pt. How many iterations make a loop "hot"?
*1 either 1 or 2 is acceptable
*2 either 1 or 2 is acceptable
3
5
10
100

4) 6pts. What instructions end up in multiple basics blocks of this method's dynamic control flow graph?

```java
public static void main(java.lang.String[]);

Code:
0:  aload_0
1:  arraylength
2:  istore_1
3:  ldc  #2; //int 1000027
5:  istore_2
6:  iconst_0
7:  istore_3
*8:  iload_3
*9:  iload_2
*10: if_icmpge  37
13:  iload_3
14:  iload_1
15:  iconst_4
16:  iadd
17:  if_icmple  23
20:  goto   37
23:  getstatic #3; //Field accum:I
26:  iconst_1
27:  iadd
28:  putstatic #3; //Field accum:I
31:  iinc   3, 1
34:  goto   8
37:  getstatic #4; //Field java/lang/System.out:Ljava/io/
```
PrintStream;
40: getstatic    #3; //Field accum:I
43: invokevirtual #5; //Method java/io/PrintStream.println:(I)V
46:    return