

ICS'13 Homework 8 solution

Problem 1:

1.25	1.01
2.75	10.11
15.5	1111.1
13.625	1101.101
50.125	110010.001

Problem 2:

Return value is 81

Problem 3:

Y86 Instructions	Byte Codes
<code>rrmovl %ebx,%ecx 2031</code>	<code>rrmovl %ebx,%ecx 2031</code>
<code>jmp 0xabc 70bc0a0000</code>	<code>jmp 0xabc 70bc0a0000</code>
<code>addl %ebx,%eax 6030</code>	<code>addl %ebx,%eax 6030</code>
<code>call 0x1234 8034120000</code>	<code>call 0x1234 8034120000</code>
<code>rmmovl %ecx,0x40(%ebx) 401340000000</code>	<code>rmmovl %ecx,0x40(%ebx) 401340000000</code>
<code>je 0x280 7380020000</code>	<code>je 0x280 7380020000</code>
<code>pushl %eax a00f(或 a008)</code>	<code>pushl %eax a00f(或 a008)</code>

Problem 4:

`%eax = 13`

Compute fibonacci