

Shows how the configuration is created by createVM() for sum.c test driver

The loop shows each VM word being written to with a value, and how each (the first several anyway) iteration of the loop translates to what is accessed)

Page Size = 4 words (4x4=16 bytes)

VM = 64x4 = 256 words (256x32=1024 bytes)

PM = 4x4 = 16 words (16x4=64 bytes)

(TLB Size = 0 entries)

```
for (i = 0; i < MEMSIZE; i++)  
{  
    writeInt(h, i, i);  
}
```

Accessing word 0, 1, 2, 3, 4, 5, 6,

(words 0, 1, 2, 3)

VM Page 0, 0, 0, 0

PM Page 0, 0, 0, 0

(words 4, 5, 6, 7)

VM Page 1, 1, 1, 1

PM Page 1, 1, 1, 1

(words 8, 9, 10, 11)

VM Page 2, 2, 2, 2

PM Page 2, 2, 2, 2

(words 12, 13, 14, 15)

VM Page 3, 3, 3, 3

PM Page 3, 3, 3, 3

(words 16, 17, 18, 19)

Page Table 1, 2, 3, 0-> Page Fault

VM Page 4, 4, 4, 4

PM Page 0, 0, 0, 0

(words 20, 21, 22, 23)

Page Table 2, 3, 0, 1 --> Page Fault

VM Page 5, 5, 5, 5

PM Page 1, 1, 1, 1