



```

    printf( "mem8 = %x\n", mem8 );
    return (void*)((left - mcb_top) * 16) + heap_top);
}

heap.c:82:16: warning: cast to 'void *' from smaller integer type 'int' [-Wint-to-void-pointer-cast]
    return (void*)((left - mcb_top) * 16) + heap_top);
           ^

heap.c:186:14: warning: cast to smaller integer type 'int' from 'void *' [-Wvoid-pointer-to-int-cast]
    int addr = (int)ptr;
              ^

2 warnings generated.
[hung@Hungs-Mac-mini CSS4220-HeapAllocation % ./a.out

0123456789ABCDEF GHIJKLMNOPQRSTUVWXYZabc
mem1 = 20001000
mem2 = 20001400
mem3 = 20003000
mem4 = 20002000
mem5 = 20001800
mem6 = 20001c00
mem7 = 20001a00
mem8 = 20001000
hung@Hungs-Mac-mini CSS4220-HeapAllocation % ]

```