函数 free_area_init

```
unsigned long start_pfn, end_pfn;
int i, nid, zone;
bool descending;
/* Record where the zone boundaries are */
memset(arch_zone_lowest_possible_pfn, 0,
            sizeof(arch zone lowest possible pfn));
memset(arch_zone_highest_possible_pfn, 0,
            sizeof(arch_zone_highest_possible_pfn));
start_pfn = PHYS_PFN(memblock_start_of_DRAM());
descending = arch_has_descending_max_zone_pfns();
for (i = 0; i < MAX_NR_ZONES; i++) {
    if (descending)
        zone = MAX_NR_ZONES - i - 1;
    else
    if (zone == ZONE_MOVABLE)
        continue;
    arch_zone_lowest_possible_pfn[zone] = start_pfn;
    arch_zone_highest_possible_pfn[zone] = end_pfn;
    start_pfn = end_pfn;
memset(zone_movable_pfn, 0, sizeof(zone_movable_pfn));
find zone movable pfns for nodes();
pr_info("Zone ranges:\n");
```

对应上面的for循环 , 其他函数都是已经标示出来的

再后面就是printk 了 , 没有成功输出