Mandatory

1. Refer the program file "memory_access_error.c", read the description not and fix the reported error in this program

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■ user72@trainux01: ~/Assignments

    #include
#include
 int setconfig(CONFIG *cfg, int portcnt, char *mname)
        cfg->module = (char*)malloc(sizeof(char) * (strlen(mname) + 1));
            strcpy(cfg->module, mname);
            cfg->portcount = portcnt;
            printf("\nsetconfig: module:%s, portcount:%d", cfg->module, cfg->portcount);
ret = SUCCESS;
    void dump_hex(char *buf, size_t sz)
        printf("\nDump_hex:\n ");
for (i = 0; i < sz; i++)</pre>
    int get_portcount(void *cfg)
```

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             CONFIG *cfgp = (CONFIG*)cfg;
int portcnt = cfgp->portcount;
             return portcnt;
  55 }
56 char *get_module(void *cfg)
             CONFIG *cfgp = (CONFIG*)cfg;
char *module = cfgp->module;
             return module;
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            int portcnt = get_portcount(cfg);
char *mod = get_module(cfg);
             printf("\nReading config: %s %d", mod, portcnt);
             CONFIG *cfg = NULL;
int ret = FAILURE;
cfg = malloc(sizeof(CONFIG));
             if (cfg == N
                  printf("\nMemory
exit(FAILURE);
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            ret = setconfig(cfg, 20, "DNS");
displ(cfg);
FREE(cfg->module);
FREE(cfg);
             return SUCCESS;
 user72@trainux01:~/Assignments$ vi padding.c user72@trainux01:~/Assignments$ gcc padding.c user72@trainux01:~/Assignments$ ./a.out
To Set the config module module:DNS, portcount:20 setconfig: module:DNS, portcount:20
 get_portcount:port:20
get_module:DNS
Reading config: DNS 20user72@trainux01:~/Assignments$ vi padding.c
```