

# PENN STATE MEMORY CORRUPTION FORENSICS COMPETITION

Have an interest for cybersecurity? Able to understand C language programming? If you can realize what is wrong with this program, we have a competition for you!

**2018 Penn State Cybersecurity  
Competition**

**Sponsored by National Security  
Agency**

```
#include <stdio.h>

int main(){

    int a = 10;
    char c = 'X';
    char array[4];
    char array2[] = {'X', 'Y', 'Z'};

    printf("please enter:\n");

    scanf("%s", array);

    /* The following is just for the purpose of debugging */
    printf("addr of array2[1] is %p\n", &array2[1]);

    if (c == 'Y') {
        printf("Welcome to overflow\n");
    } else {
        printf("This is normal output\n");
    }
    return 0;
}
```

Sign up today at <https://psusecurity.github.io/> to participate in Penn State's 2018 Cybersecurity (Memory Corruption Forensics) competition. Contest begins on **Feb 22**. Winners of the preliminary round will have the opportunity to compete in the final round at Penn State University, University Park campus (First Prize: \$5,000; Second Prize: \$3,500; Third Prize: \$1,500).

Any questions? Contact us here: [s2istnsa@gmail.com](mailto:s2istnsa@gmail.com)