Jewellery Store Management System has buffer overflow in searchitem function

supplier

https://code-projects.org/jewellery-store-management-system-in-c-programming-with-source-code/

Vulnerability file

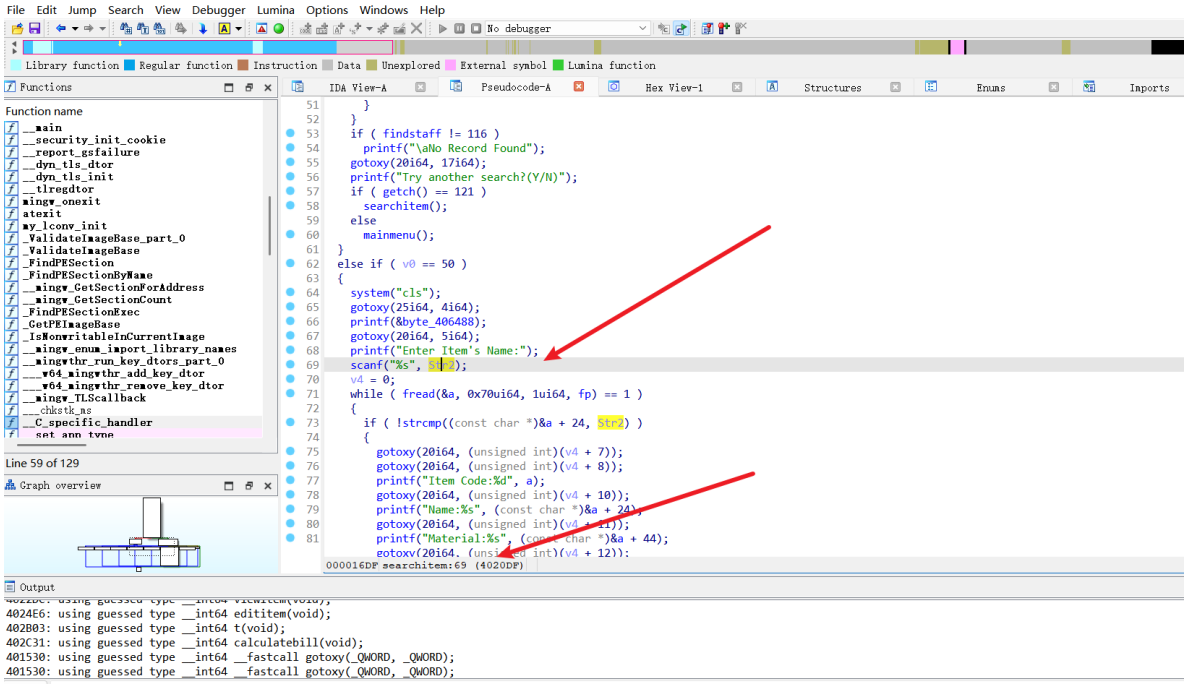
searchitem function

describe

There is a stack overflow vulnerability in searchitem function of Jewellery Store Management System. it cause ddos and rce.

Code analysis

In search function,get unlimited data saved in str2 variable, resulting in buffer overflow vulnerability.



POC

enter pass

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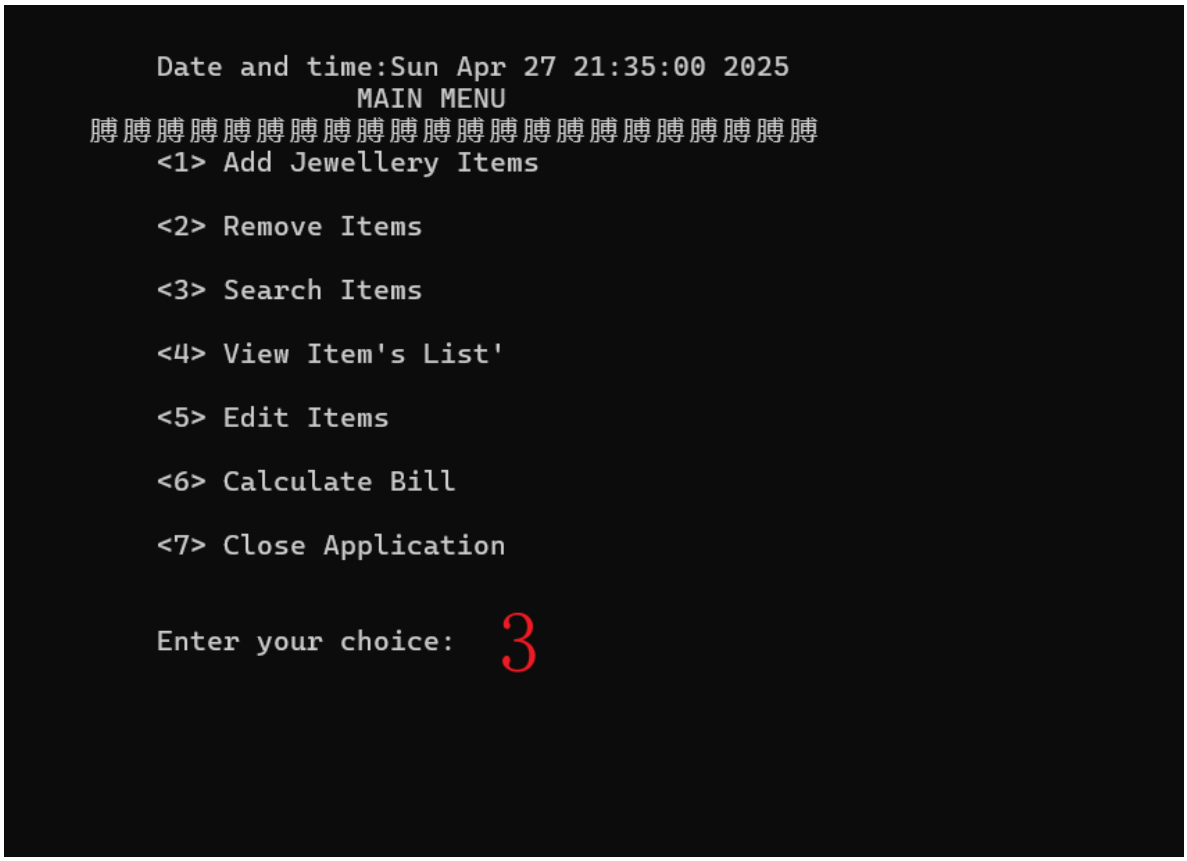
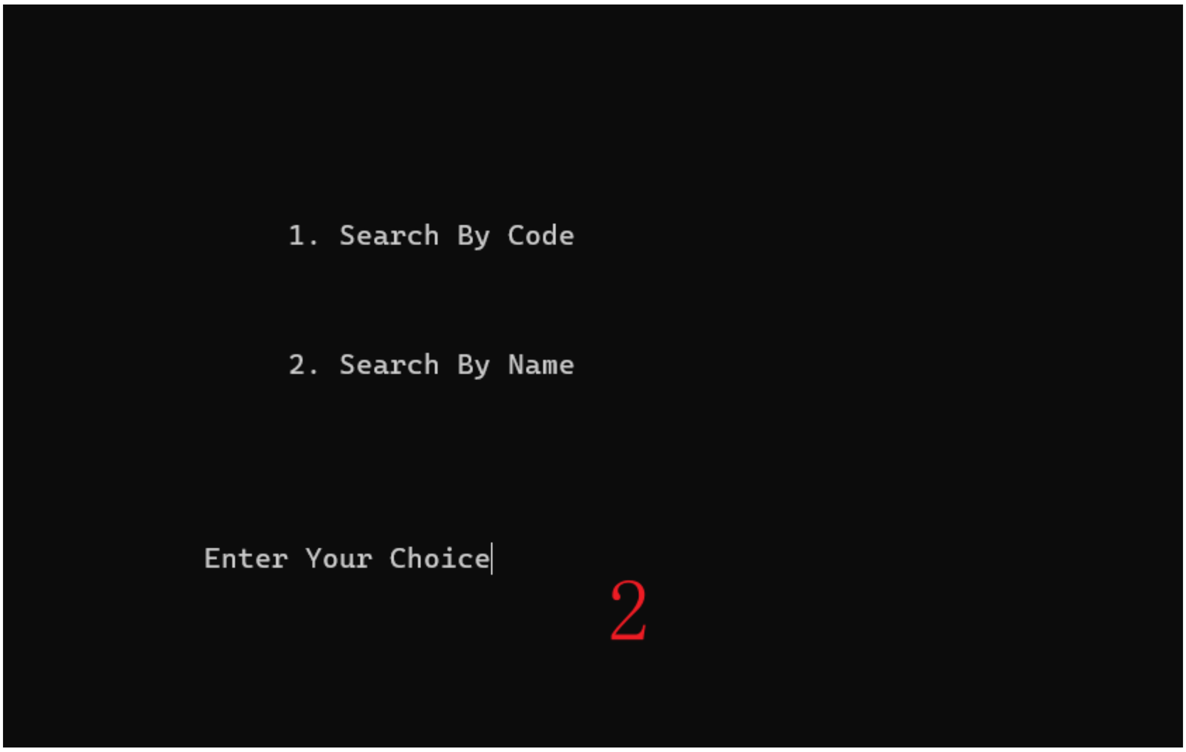
pass
```

enter choice，search Items

```
3
```



enter choice: 2 , search by Name



enter Item's Name

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Result

we can see EXCEPTION_ACCESS_VIOLATION.