**Lemmatised / Base words**

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| **Original Word** | **Base word** |
| 'XSS' | 'XSS' |
| 'Overflow' | 'Overflow' |
| 'OOM' | 'OOM' |
| 'Out of bound' | 'Out of bound' |
| 'Validation' | 'Validate' |
| 'Memory' | 'Memory' |
| 'Injection' | 'Inject' |
| 'Use after free' | 'Use after free' |
| 'CSRF' | 'CSRF' |
| ‘Traversal', | ‘Traverse', |
| 'Pointer' | 'Pointer' |
| 'Authentication' | 'Authenticate' |
| 'Authorization' | 'Authorize' |
| 'Dangerous' | 'Danger' |
| 'Permission' | 'Permission' |
| 'Critical' | 'Critical' |
| 'Credentials' | 'Credential' |
| 'XML' | 'XML' |
| 'xml external entity' | 'xml external entity' |
| 'XXE' | 'XXE' |
| 'Deserialization' | 'Deserialize' |
| 'Privilege' | 'Privilege' |
| 'Security' | 'Security' |
| 'Vulnerability' | 'Vulnerable' |
| 'Thread' | 'Thread' |
| 'crash' | 'crash' |

**List of keywords searched:**

1. 'XSS'
2. 'Overflow'
3. 'OOM'
4. 'Out of bound'
5. 'Validation'
6. 'Memory'
7. 'Injection'
8. 'Use after free'
9. 'CSRF'
10. ‘Traversal',
11. 'Pointer'
12. 'Authentication'
13. 'Authorisation'
14. 'Dangerous'
15. 'Permission'
16. 'Critical'
17. 'Credentials'
18. 'XML'
19. 'xml external entity'
20. 'XXE'
21. 'Deserialization'
22. 'Privilege'
23. 'Security'
24. 'Vulnerability'
25. 'Thread'
26. 'crash'

**For query purpose:**

'XSS', 'Overflow', 'OOM', 'Out of bound', 'Validation',

'Memory', 'Injection', 'Use after free', 'CSRF', 'Traversal',

'Pointer', 'Authentication', 'Authorisation', 'Dangerous', 'Permission', 'Critical',

'Credentials', 'XML', 'xml external entity', 'XXE', 'Deserialization', 'Privilege', 'Security', 'Vulnerability', 'Thread', 'crash'