How to run programs written with unsafe programming languages?

Fortify Source Functions

➡ GCC macro FORTIFY_SOURCE provides buffer overflow checks for unsafe C libraries

```
memcpy, mempcpy, memmove, memset, strcpy,
stpcpy, strncpy, strcat, strncat, sprintf,
vsprintf, snprintf, vsnprintf, gets
```

Checks are performed

- some at compile time (compiler warnings)

- other at run time (code dynamically added to binary)