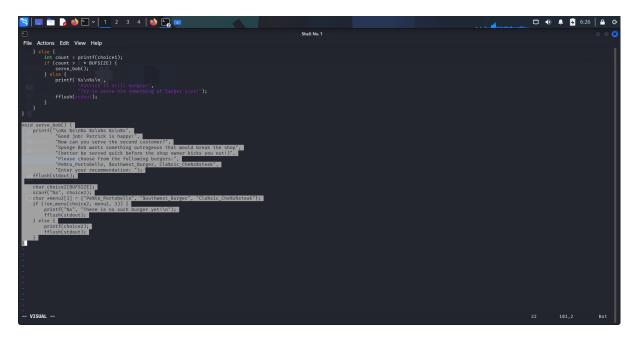


```
int count = printf(choice1);
if (count > 2 * BUFSIZE) {
    serve_bob();
} else {
    printf("%s\n%s\n",
         "Patrick is still hungry!",
         "Try to serve him something of larger size!");
    fflush(stdout);
}
```

So if the input is 2 x bufsize then only first function will execute properly

Then we will use Gr%114d\_Cheese , if printf encounters %114d, it expects to print a number with a size of 114 characters. but no number is provided, so it can print the rest with garbage data, inflating the count to 114 characters.



%s needs a string argument.

%steak is not valid, but %s will try to process it in its way

When printf processes %s without string argument, it can access arbitrary memory or cause the program to crash. This will lead to the flag  $\,$ .

