

# Strawberry Perl Forever

ChatGPT ftw again. But this is hard.

I automate the expand time range. If flag not found, then expand range.

```
#!/usr/bin/perl
use strict;
use warnings;
use Digest::SHA qw(sha256_hex);

my $target_hash = '00ac7414402727fdf04c16b5dd7eb54533f459ff1943905e3e3143388e9460da';

my $start_time = 1734462000;
my $end_time = 1734463200;
my $increment = 600;

sub random {
    my ($length, $seed) = @_ ;
    srand($seed);
    my @chars = ('a'..'z', 'A'..'Z', '0'..'9');
    my $random = "";
    for (1..$length) {
        $random .= $chars[int(rand(@chars))];
    }
    return $random;
}

while (1) {
    print "Trying time range: $start_time to $end_time...\n";
    for my $seed ($start_time .. $end_time) {

        my $random_part = random(16, $seed);
        my $flag = "STOUTCTF{" . $random_part . "}";

        # Compute the SHA-256 hash
        my $computed_hash = sha256_hex($flag);

        # Check if the hash matches the target hash
        if ($computed_hash eq $target_hash) {
            print "Found Flag: $flag\n";
        }
    }

    $start_time += $increment;
    $end_time += $increment;
}
```

```
Trying time range: 1734409800 to 1734515400...
Trying time range: 1734409500 to 1734515700...
Trying time range: 1734409200 to 1734516000...
Found Flag: STOUTCTF{aRWkZtmhfuFE0JlB}
Trying time range: 1734408900 to 1734516300...
Found Flag: STOUTCTF{aRWkZtmhfuFE0JlB}
```

STOUTCTF{aRWkZtmhfuFE0JlB}