Ok. So what is this repo? Ive found a way to factorize integers through a algorithm Lets suppose that dividend = 6328 and want to get the factors of it. So lets first divide by two (the divisor always start at 2, because its the smallest integer.

```
6328 \mid 2 \\ 3164 \mid 2 \\ 1582 \mid 2 \\ 791 \mid 2 \text{ division doesnt return integer so try another number} \\ \mid 3 \text{ same thing} \\ \mid 4 \text{ same thing..it keeps adding up until we reach 7} \\ \mid 7 \\ 113 \ .
```

so the factors of 6328 are $=\{2,2,2,7,113\}$