For Radix sort, we sort by digits. How do we get the digit from a number?

Extract digit from a number expressed in base 10:

```
def extractDigit(number, place):
temp = number / place
return temp % 10
```

## Example:

7429 - extract digit in the 3rd place -> base 10^2 Remember that

Then:

$$7429 / 100 = 74$$

$$74 \mod (10) = 4$$