


Answer for Kulina x Food


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The Go Playground

Go 1.18RunFormatShareHello, Wo

```
1 package main
2
3 import "fmt"
4
5 func print(num int) string {
6     var result string
7     // looping the input so it can show number from 1 till the inputted integer
8     for i := 1; i <= num; i++ {
9         if i%3 == 0 {
10             fmt.Println("Kulina") // if the number between 1 and the inputted number is divisible by 3, return string Kulina
11         }
12         if i%5 == 0 {
13             fmt.Println("Food") // if the number between 1 and the inputted number is divisible by 5, return string Food
14         }
15         if i%3 == 0 && i%5 == 0 {
16             fmt.Println("Kulina x Food") // if the number between 1 and the inputted number is divisible by 3 and 5, return string Kulina x Food
17         } else {
18             fmt.Println(i) // Otherwise, print the integer
19         }
20     }
21     return result
22 }
23
24 func main() {
25     fmt.Println(print(15))
26 }
```

Answer for Find the dissimilarity

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The Go Playground

Go 1.18RunFormatSha

```
3 import (
4     "fmt"
5 )
6
7 func input(str, str2 string) string {
8     var result string
9     // looping both inputted string
10    for _, i := range str {
11        for _, j := range str2 {
12            if i != j {
13                result = string(j) // if letter in one string doesnt contains letter in the other strings, print the different
14            }
15            if i != j {
16                result = string(i) // if letter in one string doesnt contains letter in the other strings, print the different
17            }
18        }
19    }
20 }
21
22 return result
23 }
24
25 func main() {
26     fmt.Println(input("bxcn", "abncx"))
27 }
```

Answer for Roman to Integer

← → ↻ 🔒 go.dev/play/p/hRXjdk0q_nb.go?download=true

```
package main

import (
    "fmt"
)
// mapping all the list of roman numerals code
var decoder = map[rune]int{
    'I': 1,
    'V': 5,
    'X': 10,
    'L': 50,
    'C': 100,
    'D': 500,
    'M': 1000,
}

// making function to convert roman to integer
func Roman(roman string) int {
    if len(roman) == 0 {
        return 0
    }
    first := decoder[rune(roman[0])]
    if len(roman) == 1 {
        return first
    }
    next := decoder[rune(roman[1])]
    if next > first {
        return (next - first) + Roman(roman[2:])
    }
    return first + Roman(roman[1:])
}

func main() {
    fmt.Println(Roman("XII"))
}
```