

Problem8: Sum Odd Numbers

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March 29, 2017

Introduction

In this exercise, we will compute sum of odd numbers in an array. On R, you can check wheter a number is odd or prime by %.

```
a = 4  
b = 7  
  
a%%2
```

```
## [1] 0
```

```
b%%2
```

```
## [1] 1
```

if `x%%2` returns 1, x is an odd number.

Question

- you have an array `OS <- as.integer(runif(100, min = 1, max = 99))`
- write a code to sum the odd numbers in `OS`
- wirte a short code as you can do

Solution

```
OS <- as.integer(runif(100, min = 1, max = 99))  
sum(OS[OS %% 2 == 1])
```

```
## [1] 2626
```