

DAY 3

ITA0497-STATISTICS OF R-PROGRAMMING

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Printing random number

```
> random_vector <- sample(-50:50, 10, replace = TRUE)
> print(random_vector)
[1] 49 3 35 -11 -30 -45 39 -44 -16 -42
> |
```

Fibbonici series

```
· a <- 0
· b <- 1
·
· fibonacci <- numeric(10)
·
· fibonacci[1] <- a
· fibonacci[2] <- b
· for (i in 3:10) {
·   fibonacci[i] <- a + b
·   a <- b
·   b <- fibonacci[i]
· }
· print(fibonacci)
[1] 0 1 1 2 3 5 8 13 21 34
· |
```

Fizz buzz

```
+ } else if (i %% 3 == 0) {  
+   cat("Fizz\n")  
+ } else if (i %% 5 == 0) {  
+   cat("Buzz\n")  
+ } else {  
+   cat(i, "\n")  
+ }  
+ }  
1  
2  
Fizz  
4  
Buzz  
Fizz  
7
```