Module End - R

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### Question 1

print('sequence of numbers from 20 to 50 is')

## [1] "sequence of numbers from 20 to 50 is"

print(seq(20,50))

## [1] 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44  
## [26] 45 46 47 48 49 50

print(paste('The mean of numbers from 20 to 60 is',mean(20:60)))

## [1] "The mean of numbers from 20 to 60 is 40"

print(paste('Sum of numbers from 51 to 91 is',sum(51:91)))

## [1] "Sum of numbers from 51 to 91 is 2911"

### Question.2

for (i in 1:100) {  
 if (i %% 3 == 0 & i %%5 == 0) { print('FizzBuzz')}  
 else if (i %% 3 == 0) {print('Fizz')}  
 else if (i %% 5 == 0) {print('Buzz')}  
 else print(i)  
}

## [1] 1  
## [1] 2  
## [1] "Fizz"  
## [1] 4  
## [1] "Buzz"  
## [1] "Fizz"  
## [1] 7  
## [1] 8  
## [1] "Fizz"  
## [1] "Buzz"  
## [1] 11  
## [1] "Fizz"  
## [1] 13  
## [1] 14  
## [1] "FizzBuzz"  
## [1] 16  
## [1] 17  
## [1] "Fizz"  
## [1] 19  
## [1] "Buzz"  
## [1] "Fizz"  
## [1] 22  
## [1] 23  
## [1] "Fizz"  
## [1] "Buzz"  
## [1] 26  
## [1] "Fizz"  
## [1] 28  
## [1] 29  
## [1] "FizzBuzz"  
## [1] 31  
## [1] 32  
## [1] "Fizz"  
## [1] 34  
## [1] "Buzz"  
## [1] "Fizz"  
## [1] 37  
## [1] 38  
## [1] "Fizz"  
## [1] "Buzz"  
## [1] 41  
## [1] "Fizz"  
## [1] 43  
## [1] 44  
## [1] "FizzBuzz"  
## [1] 46  
## [1] 47  
## [1] "Fizz"  
## [1] 49  
## [1] "Buzz"  
## [1] "Fizz"  
## [1] 52  
## [1] 53  
## [1] "Fizz"  
## [1] "Buzz"  
## [1] 56  
## [1] "Fizz"  
## [1] 58  
## [1] 59  
## [1] "FizzBuzz"  
## [1] 61  
## [1] 62  
## [1] "Fizz"  
## [1] 64  
## [1] "Buzz"  
## [1] "Fizz"  
## [1] 67  
## [1] 68  
## [1] "Fizz"  
## [1] "Buzz"  
## [1] 71  
## [1] "Fizz"  
## [1] 73  
## [1] 74  
## [1] "FizzBuzz"  
## [1] 76  
## [1] 77  
## [1] "Fizz"  
## [1] 79  
## [1] "Buzz"  
## [1] "Fizz"  
## [1] 82  
## [1] 83  
## [1] "Fizz"  
## [1] "Buzz"  
## [1] 86  
## [1] "Fizz"  
## [1] 88  
## [1] 89  
## [1] "FizzBuzz"  
## [1] 91  
## [1] 92  
## [1] "Fizz"  
## [1] 94  
## [1] "Buzz"  
## [1] "Fizz"  
## [1] 97  
## [1] 98  
## [1] "Fizz"  
## [1] "Buzz"