

Week_3 homework

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```
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x<-2:100
prime_nums <- c()
i<-2
done <- FALSE
while(i<100){
  if(any(x == i)) {
    x = c(x[(x %% i) != 0], i)
    prime_nums = c(prime_nums, i)
  }
  if(i==100){
    done<-TRUE
  }
  i<- i+1
}
prime_nums

## [1]  2  3  5  7 11 13 17 19 23 29 31 37 41 43 47 53 59 61 67 71 73 79 83
89 97
```