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title: "Stat 123 Lab1"
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output: html_document
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```{r setup, include=FALSE}
knitr::opts_chunk$set(echo = TRUE)
```

#Question 1
```{r city}
# I would like to create a vector
cities<-c("Paris", "Tokyo","Paris")
cities
#print out the first element
cities[1]
```

#Question 2
```{r}
#The number from 6 to 100
mydata<-c(6:100)
mydata
#The sum of mydata
sum(mydata)
#The mean of mydata
mean(mydata)
#
prod(mydata)

mean(mydata[5:20])
```

#Question 1
```{r courses}
#Create a vector courses
courses<-c("seng 265","Stat 354","Stat 359","Stat 123")
#print out the elements of the vector.
courses
#print out the 2nd element of the vector
courses[2]
```

#Question 2
```{r courses}
#Create a vector called nums which contains the numbers 4, 5, 6, 7, ..., 154, 155.

nums<-c(4:155)
#(a) Use the sum() function to add all the values in nums.

#(b) Use the mean() function to find the average of all values in nums.

#(c) Use the prod() function to find the product of all values in nums.
```

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```{r}
```

```
#3. Create a vector called sleep which contains how many hours of sleep you get on each  
day of the week
```

```
 #(a) Create a vector called days which contains the names of the days of the week  
(starting with Monday).
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