> data()

mean of x 7187.729

```
> data<-data("rock")
  > data
  [1] "rock"
  > data<-rock
  a data
 > summary(area)
 Error: object 'area' not found
 > summary("area")
   Length
            Class
                       Mode
       1 character character
 > summary(dataSarea)
   Min. 1st Qu. Median
                        Mean 3rd Qu.
   1016 5305 7487 7188 8870 12212
 > summary(data$peri)
   Min, 1st Qu. Median Mean 3rd Qu.
                                       Max.
   308.6 1414.9 2536.2 2682.2 3989.5 4864.2
 > summary(dataSshape)
   Min. 1st Qu. Median Mean 3rd Qu.
 0.09033 0.16226 0.19886 0.21811 0.26267 0.46413
 > summary(dataSperm)
   Min. 1st Qu. Median Mean 3rd Qu. Max.
6.30 76.45 130.50 415.45 777.50 1300.00
> confident area<-t.test(data$area,con.level=0.95)$conf.int
> confident_area
[1] 6408.421 7967.038
attr(, "conf.level")
[1] 0.95
> test<-t.test(data$area,mu=7000,alternative="greater")
> test
        One Sample t-test
data: data$area
t = 0.48461, df = 47, p-value = 0.3151
alternative hypothesis: true mean is greater than 7000
95 percent confidence interval:
 6537.734
              Inf
sample estimates:
```

could not find function "load.package"

Question 2

```
# 10 PRACE There would be sent to be sent to
```

```
> head(observation)
  Id gender frequency satisfaction level
1 101 FEMALE
             First time
                                   Positive
2 102 FEMALE Once a month
                                   Positive
3 103 MALE
             First time
                                   Neutral
4 104 FEMALE
              First time
                                   Positive
5 105 FEMALE Once a month
                                  Negative
       MALE Once a month
6 106
                                   Neutral
> tail(observation)
    Id gender
                frequency satisfaction level
95 195 FEMALE Once a month
                                     Negative
96 196 FEMALE Once a week
                                     Positive
97
   197 FEMALE
                First time
                                    Positive
98 198 FEMALE Once a month
                                    Negative
99 199 FEMALE Once a week
                                     Neutral
100 200 FEMALE Once a week
                                    Negative
> summary(observation$gender)
  Length
           Class
                       Mode
     100 character character
>
```