

# R-Programming Problem Sheet

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# R answers for the given exercises

#p1

```
data <- read.table("z:\\Table0.txt")
print(data)
print("Column names after changing:")
colnames(data)<-c('Name','Age','Height','Weight','Sex')
print(data)
colnames(data)<-c(", 'Age','Height','Weight','Sex')
print(data)
```

#2

```
data1 <- read.table("z:\\Table1.txt")
print(data1)
print("No of rows:")
print(nrow(data1))
print ("No of Column:")
print(colnames (data1))
data1<-read.table ("z:\\Table1.txt", header = T,row.names
='Name',stringsAsFactors = F)
print(data1)
x<-lapply(data1,class)
print(x)
```

#p3

```
df1 <- read.table('z:\\Table2.txt',
                  header = T,
```

```

        skip = 1,
        quote = "/")
print(df1)

#p4

df2<- read.table("z:\\Table3.txt", header = T,skip = 1,na.strings =
c("NA","*", "***", "--"))
print(df2)

#p5

df<- read.table("c:\\Table4.txt", header = T,na.strings = c("NA","*", "***", "--"),

        dec = ",")

print(df)

#p6

df<- read.table("c:\\Table5.txt",

        header = T,

        na.strings = c(NA, "***", "--"),

        dec = ",",

        sep = ";")

#p7

dfa<- read.csv("c:\\states1.csv",row.names = 1)

print(df)

#p8

df <- read.csv("c:\\states2.csv",

        row.names = 1,

        sep = ";",

        dec = ",")

```

```
print(df)

#p9
dfb <- read.csv("c:\\states2.csv",
               row.names = 1,
               sep = ";",
               dec = ",",
               na.strings = c(NA, "*"))
print(cbind(dfa,dfb))

#p10
df <- read.table("c:\\Table6.txt",
                skip = 1,
                header = T,
                nrow = 7,
                flush = T,
                comment.char = "@",
                stringsAsFactors = F)
print(df)
```