大数据第一次作业

1. 答：首先是对R语言的不习惯。常忘记加空格、分号，或遗漏一个点。一个字母或符号出问题就可能检查好长时间才可使程序正常执行。其次是对函数还有命令的英文字母不熟悉，在阅读help时会很慢。
2. 答：（1）可以灵活的选择需要显示的结果。不需要在每次执行后显示结果，不需要一次弹出很多窗口；（2）通过代码执行所有操作，代码可以复制粘贴；（3）可以迅速创建图表，并对图表进行调整。

dog\_num = c(1,2,5,7)

1. User\_ID = 9527

User\_ID = as.character(User\_ID)

**5、**age = 17

if(age > 18) {

is\_adult = "adult"

}else

{

is\_adult = "children"

}

**6、**a

group\_stu = 6

stu\_eachg = 4

trees\_tol = 360

stu = group\_stu\*stu\_eachg

trees\_each = trees\_tol/stu

b

length\_tube = 324

length\_car = 18

speed = 18

time = (length\_tube+length\_car)/speed

c

bird1 = 4515

bird2 = 1155

time = 7

difference = (bird1-bird2)/time

d

length1 = 12

length2 = length1+2

width1 = 8

width2 = width1+2

dfference4 = length2\*width2-length1\*width1

**7**

seq(2,14,3)

**8**

names = c("zhangsan","lisi","wangwu")

height = c(165,175,170)

**9**

user.data = data.frame(names,height);

**10**

names = c(names,"xiaoming")

height = c(height,180)

user.data = data.frame(names,height)

**11**

for (i in 1:4)

if(height[i] >= 170)

{

print(names[i])

}

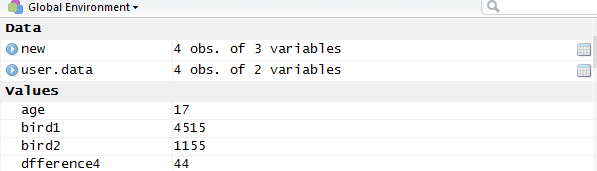
**12**

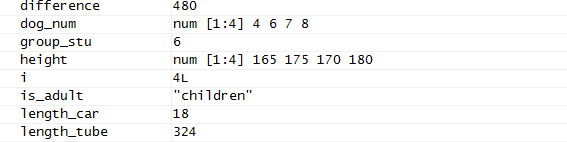
weight = c(55,65,70,80)

cbind(user.data,weight)

new = cbind(user.data,weight)

以下是结果截图：





![C:\Users\u\AppData\Roaming\Tencent\Users\648116580\QQ\WinTemp\RichOle\@4TSBCJF9FR5TF9}}[CD](2.png](data:image/png;base64,)

