<html><head></head><body><pre style="word-wrap: break-word; white-space: pre-wrap;">
```
##1
#Data: Url below
#Apply strsplit to find value of the 123 element
#Result: 15

url&lt;-"https://d396qusza40orc.cloudfront.net/getdata%2Fdata%2Fss06hid.csv"

file&lt;-file.path(getwd(), "ss06hid.csv")

download.file(url, file, method="curl")

dt&lt;- read.csv(file)

names(dt)

strsplit(names(dt), "wgtp")[123]


## 2
# Data: Urls of global GDP
# Use of dplyr n gsub
# gsub to fix characters
# as.numeric to change character df to numeric
# Obtain mean of GDP of the ranked conutries
# Result: 3777652.4 (mean)

url&lt;-"https://d396qusza40orc.cloudfront.net/getdata%2Fdata%2FGDP.csv"

file&lt;-file.path(getwd(), "GDP.csv")

download.file(url, file, method= "curl")
```

```
gdp&lt;-read.csv(file, skip=4, nrows=215, stringsAsFactors = FALSE)

gdp&lt;- select(gdp,-(X.5:X.9))

gdp &lt;- rename(
        gdp ,
        ctycode = X,
        gdprank = X.1,
        ctyname = X.3,
        gdpnum = X.4
)

gdp&lt;-as.numeric(gsub(",","",gdp$gdpnum))

mean(gdp, na.rm= TRUE)


## 3
# Data: Urls of global gdp (above)
# Use of regular expression with grepl
# Obtain count of countries with "United"
# Result 3 (TRUE)

United&lt;-grepl("^United",gdp$ctyname)

summary(United)


## 4
# Data: Urls of global gdp (above)
# Data: educational data from the same series (below)
```
</pre></body></html>

```
# Use Plyr, dplyr and grep
# Join both datasets
# Grep to find values (fiscal year end June)
# Obtain count of countries with fiscal yyeae end June
# Result 13 countries

url&lt;-"https://d396qusza40orc.cloudfront.net/getdata%2Fdata%2FEDSTATS_Country.csv"

file&lt;-file.path(getwd(),"EDSTATS_Country.csv")

download.file(url,file,method="curl")

ed&lt;-read.csv(file, stringsAsFactors= FALSE)

ed&lt;- rename(ed, ctycode= CountryCode)

consol&lt;-arrange(join(gdp,ed),ctycode)

fy.june&lt;-grep('Fiscal year end: June', consol$Special.Notes)
print(fy.june)


## 5
# Data: AMZN stock prices dowloaded (see below)
# Use quantmod, lubridate
# Obtain values collected in 2012 and on
# Mondays
# Result 250 (2012) &amp;amp; 47 (Mondays)

amzn&lt;-getSymbols("AMZN", auto.assign = FALSE)

sampleTimes=index(amzn)

datelist&lt;- ymd(sampleTimes)

y2012&lt;-length(which(year(datelist)==2012))

print(y2012)

wdays&lt;- length(which(year(datelist)== 2012 &amp;amp;
                weekdays(datelist)=="Monday"))

print(wdays)

END




</pre></body></html>
```