# Assignment 01 - Big Data Management

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# Question#1:

#### Question#2:

# Question#3:

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Question# 3
    Show top 10 largest sized packages.
header = downloads RDD.first()
data = downloads_RDD.filter(lambda line: line != header)
sorted_data = data.sortBy(lambda a: int(a[2]), ascending=False)
top_10_packages = sorted_data.take(10)
for t in top_10_packages:
   print("Package Name: {0}\tSize in Bytes: {1}".format(t[6],str(t[2])))
[Stage 13:>
                                                                    (0 + 1) / 1]
Package Name: h2o
                       Size in Bytes: 178034661
Package Name: h2o
                       Size in Bytes: 178033325
Package Name: h2o
                       Size in Bytes: 178032483
Package Name: h2o
                       Size in Bytes: 177989341
Package Name: h2o
                        Size in Bytes: 177983544
Package Name: h2o
                        Size in Bytes: 177980761
Package Name: h2o
                       Size in Bytes: 177979361
Package Name: h2o
                       Size in Bytes: 177978340
Package Name: h2o
                       Size in Bytes: 177976363
Package Name: h2o
                       Size in Bytes: 177975872
```

#### Question#4:

# Question#5:

#### Question#6:

#### Question#7:

#### Question#8:

# Question#9:

```
#----- Question# 9

# How many R users still use 32 bit machines?

#------

user_32bit_count = downloads_RDD.filter(lambda x: x[4]=="i386").count()

print("32bit Machine users Count: \'{0}\'".format(str(user_32bit_count)))

[Stage 197:> (0 + 1) / 1]

32bit Machine users Count: '37669'
```

#### Question#10: