Question#1:

```
[cqlsh:assignment02> select * from question1;

package | count
------
ggplot2 | 91807
dplyr | 37863

(2 rows)
```

Question#2:

Question#3:

```
# Top 10 (distinct) largest sized packages

click to scroll output; double click to hide

query_results = spark.sql('SELECT package as package,max(CAST(size AS int)) as size FROM packages \

group by package order by size desc limit 10')

insert_into_cassandra(query_results, "question3")
```

```
[cqlsh:assignment02> select * from question3;
 package | size
    rgdal | 104486593
     Boom
            84745482
     terra | 112345795
      AWR | 63283638
   mlpack
            60423534
       sf 106864613
     apcf
            98561243
 gdalcubes | 113334979
    vapour | 101826642
            178034661
      h2o
(10 rows)
```

Question#4:

```
[cqlsh:assignment02> select * from question4;
 package
            count
      GPseq
  multiplyr
                  1
   expoTree
                  1
       HEAT
                  1
 EasyStrata
                  1
                  1
    maanova
        D3M
                  1
                  1
       amer
     ADaCGH
                 1
 backblazer
                  1
(10 rows)
```

Question#5:

Question#6:

Question#7:

[cqlsh:assignment02>	select	* from	m question7;
package	count		
dobson	2		
brnn	13		
vctrs	3652		
gawdis	1		
GABi	2		
dummy	2		
SamplingStrata	3		
metan LAGOSNE	6		
ELISAtools	1		
ALassoSurvIC	4		
oaxaca	6		
autoshiny	3		
kerasR	1		
RItools	17		
CLUSTShiny	3		
RWmisc	1		
parcor	1		
CATT	4		
CSUV	2		
rearrr	9		
DRAYL	1		
ActCR	3		
choroplethr	8		
GSM FunChisq	1 3		
GLMMRR	1		
archivist	4		
clustermq	5		
antaresRead	3		
bettermc	3		
shinydisconnect	12		
textclean	24		
rfigshare	1		
corona	2		
zCompositions	5		
checkdown	2		
DensParcorr	1		
mlr3misc	5		
GARCOM Qtools	1		
QTOOIS EMMIXskew	1		
DySeq	2		
proto	116		
acid	3		
season	3		
BlockFeST	4		
RcppTOML	9		
FinCal	4		
BrainCon	4		
ahnr	3		
eirm	1		
fergm	1		
hablar smacpod	6		
cdlei	2		
	4		
DOG CHIRPIR			

Question#8:

Question#9:

```
lcqlsh:assignment02> select * from question9;

users_32_bit
-----
37669

(1 rows)
```

Question#10:

[cqlsh:assignment02> select * from question10; country | download_count A2 18 JE 39 AQ VI 125 30 HR 1145 IN 35555 14478 TW EU 1058 PΕ 9021 PH 3916 NP 776 7969 PG 22 JР 49150 IR 8276 KE 4141 KW 420 NE 225 CU 135 CD 89 UY 82241 HK BW CM 243 FR 25635 MD 48 CG UZ 154 NA 494323 172 ΚZ 588 6 737 RE AO sv LK 1095 JO 693 SO BE 9634 ΑZ 243 HU 4408 23397 132763 CN ET 89 1271 PR SK 4406 BR 18633 ME 154 IS 1360 LA 73 10106 DK MC 7897 DM 8 GN 155 KG GR 3804