EXECISE

Read in the SAFI data again (exercise A)

Using subset, select the column respondent_wall_type for just the rows where the village is God

Select rows where no membrs is > 2 and < 5

Exclude rows from the data where years_liv < 5

Find the 1 room houses made of burntbricks. Select just these two columns and the village.









Exercise

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Recoding Variables

```
> africa <- read.csv("data/africadata.csv", stringsAsFactors=FALSE)</pre>
> africa$region <- factor(africa$region)</pre>
> africa
                              region
                                         gdp 2017
                                                   pop 2017
                                                                      rail
                    country
                                                                                road
                                                                area
                                      99722535234
                                                    41063753 2381740
                                                                       4691 113655.0
                    Algeria
                               north
                                                    26655513 1246700
                                                                             51429.0
                     Angola central
                                      31374141168
                                                                        NA
                                                                             19000.0
                      Benin
                                      4732594367
                                                    11458611
                                                              114760
                                                                        758
                                west
                                      11443275218
                                                  2343981
                                                              581730
                                                                             25798.0
                                                                        888
                   Botswana
                               south
5
                                       7013022439
                                                    19173322
                                                                             15271.6
               Burkina Faso
                                west
                                                              274220
                                                                        622
6
                                       1215021410
                                                    11936481
                                                               27830
                                                                             12322.0
                    Burundi
                                east
                                                                        NA
                                                    24513689
                                                                             28857.0
                   Cameroon central
                                      17940338306
                                                              475440
                                                                        977
8
                                       1129263677
                                                      533468
                                                                4030
                                                                              1350.0
                 Cape Verde
                                west
                                                                         NA
  Central African Republic central
9
                                      873967756
                                                                             20278.0
                                                     5098826
                                                              622980
                                                                         NA
                                                    14965482 1284000
10
                       Chad central
                                       4150723012
                                                                             40000.0
                                                                         NA
11
                                        294685870
                                                      825920
                                                                1861
                                                                               880.0
                                                                         NA
                    Comoros
                                east
                                      10774647957
                                                    82242685 2344860
                                                                       3641 153497.0
           Congo, Dem. Rep. central
13
                                                    4866243
                                                                             17000.0
                                      5759941958
                                                              342000
                                                                        795
                Congo, Rep. central
              Cote d'Ivoire
14
                                      18395731842
                                                                        639
                                west
                                                    23815886
                                                              322460
                                                                             81996.0
                   Djibouti
15
                                east
                                       1194735681
                                                      911382
                                                               23200
                                                                        781
                                                                              3065.0
```

Eavnt

north 194839401082 95215102 1001450

5195 137430.0

16