Exercise 1

```
Number of students
> nrow(stu)
[1] 340823
Number of schools
> length(unique(as.vector(as.matrix(schoolcode))))
[1] 641
Number of programs
> length(unique(as.vector(as.matrix(program))))
[1] 33
Number of choices
> length(unique(as.vector(as.matrix(choice))))
[1] 3086
Missing test score
> table(missing)
missing
FALSE TRUE
160936 179887
Apply to the same school > table(same)
same
                    3 4 5 6
9233 34067 88154 207155
           2
2019
    195
Apply to less than 6 choices
> table(is.na(stu$schoolcode6))
 FALSE
           TRUE
323735 17088
```