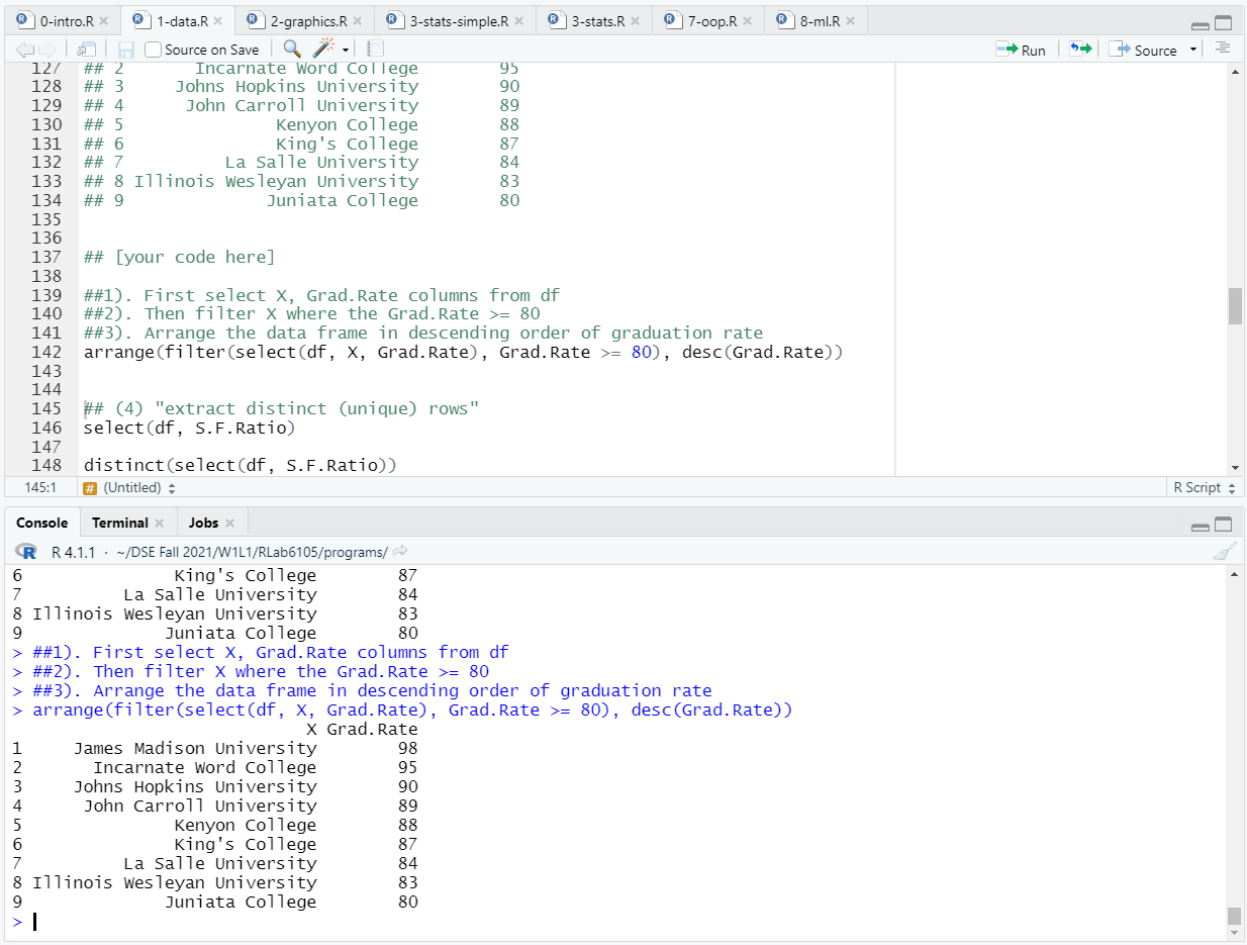
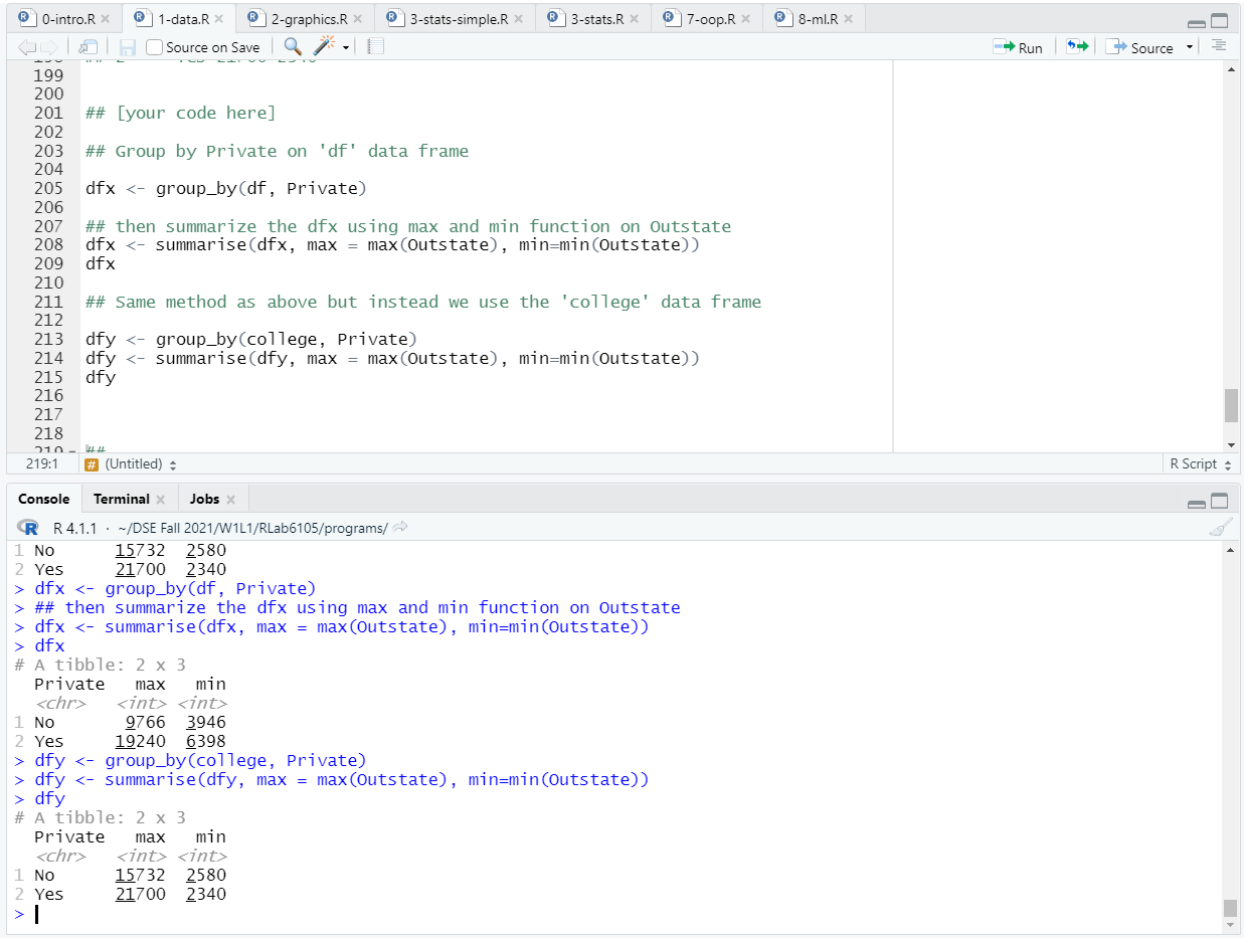
Q1)

- First select X, Grad.Rate columns from df
- Then filter X where the Grad.Rate >= 80
- Arrange the data frame in descending order of graduation rate.



Q2)

- Group by Private on 'df' data frame to obtain dfx
- Then summarize the dfx using max and min function on Outstate
- For the next one, same method as above but instead we use the 'college' data frame



```
199
200
201  ## [your code here]
202
203  ## Group by Private on 'df' data frame
204
205  dfx <- group_by(df, Private)
206
207  ## then summarize the dfx using max and min function on Outstate
208  dfx <- summarise(dfx, max = max(Outstate), min=min(Outstate))
209  dfx
210
211  ## Same method as above but instead we use the 'college' data frame
212
213  dfy <- group_by(college, Private)
214  dfy <- summarise(dfy, max = max(Outstate), min=min(Outstate))
215  dfy
216
217
218
```

```
1 No      15732  2580
2 Yes     21700  2340
> dfx <- group_by(df, Private)
> ## then summarize the dfx using max and min function on Outstate
> dfx <- summarise(dfx, max = max(Outstate), min=min(Outstate))
> dfx
# A tibble: 2 x 3
  Private   max   min
  <chr>   <int> <int>
1 No       9766  3946
2 Yes     19240  6398
> dfy <- group_by(college, Private)
> dfy <- summarise(dfy, max = max(Outstate), min=min(Outstate))
> dfy
# A tibble: 2 x 3
  Private   max   min
  <chr>   <int> <int>
1 No      15732  2580
2 Yes     21700  2340
>
```