

## Problem Statement

1. Read multiple json files into a working directory for further converting into a dataset.

I have files text1, text2, text3 in the directory json.

Attached R file.

R output as below

```
> #displaying results
> resulttext1
$`ID`
[1] "1" "2" "3" "4" "5" "6" "7" "8"

$Name
[1] "Rick"      "Dan"      "Michelle" "Ryan"     "Gary"     "Nina"     "Simon"
"Guru"

$Salary
[1] "623.3" "515.2" "611"     "729"     "843.25" "578"     "632.8" "722.5"

$StartDate
[1] "1/1/2012" "9/23/2013" "11/15/2014" "5/11/2014" "3/27/2015" "5/21/20
13" "7/30/2013"
[8] "6/17/2014"

$Dept
[1] "IT"      "Operations" "IT"      "HR"      "Finance" "IT"
"Operations"
[8] "Finance"

> resulttext2
$`ID`
[1] "2" "2" "3" "4" "5" "6" "7" "8"

$Name
[1] "Rick"      "Dan"      "Michelle" "Ryan"     "Gary"     "Nina"     "Simon"
"Guru"

$Salary
[1] "623.3" "515.2" "611"     "729"     "843.25" "578"     "632.8" "722.5"

$StartDate
[1] "1/1/2012" "9/23/2013" "11/15/2014" "5/11/2014" "3/27/2015" "5/21/20
13" "7/30/2013"
[8] "6/17/2014"

$Dept
[1] "IT"      "Operations" "IT"      "HR"      "Finance" "IT"
"Operations"
[8] "Finance"
```

```

> resultttext3
$`ID`
[1] "3" "2" "3" "4" "5" "6" "7" "8"

$Name
[1] "Rick"      "Dan"      "Michelle" "Ryan"      "Gary"      "Nina"      "Simon"
"Guru"

$Salary
[1] "623.3" "515.2" "611"     "729"      "843.25" "578"      "632.8" "722.5"

$StartDate
[1] "1/1/2012" "9/23/2013" "11/15/2014" "5/11/2014" "3/27/2015" "5/21/20
13" "7/30/2013"
[8] "6/17/2014"

$Dept
[1] "IT"      "Operations" "IT"      "HR"      "Finance" "IT"
"Operations"
[8] "Finance"

> resultasdataframe1 <- as.data.frame(resultttext1)
> resultasdataframe2 <- as.data.frame(resultttext2)
> resultasdataframe3 <- as.data.frame(resultttext3)

```

2. Parse the following JSON into a data frame

```

js<-'{
"name": null, "release_date_local": null, "title": "3 (2011)",
"opening_weekend_take": 1234, "year": 2011,
"release_date_wide": "2011-09-16", "gross": 59954
}'

```

R file attached.

Below is output in R

```

result <- fromJSON(file = "assignment.json")
> result
$name
[1] "null"

$release_date_local
[1] "null"

$title
[1] "3 (2011)"

```

```
$opening_weekend_take  
[1] 1234
```

```
$year  
[1] 2011
```

```
$release_date_wide  
[1] "2011-09-16"
```

```
$gross  
[1] 59954
```

```
> js <- as.data.frame(result)  
> View(js)
```

```
>
```

3. Write a script for variable binning using R.

Attached R file.