

1830069

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ECS-2

BD Assignment 7

① `data <- read.csv("student.csv")`
`print(data)`

rollno	name	branch	percentage	DoA
1	A	x	x	x
2	B	x	x	x
.	.	.	.	.
.	.	.	.	.

② `per_max <- subset(data, percentagepercentage == percentagemax(categorycategory))`
`print(per_max)`

③ `det <- subset(data, branch == "IT" or branch == "CSE")`
`print(det)`

④ `det <- subset(data, branch == "CSE" & percentage >= 50)`
`print(det)`

⑤ `det <- subset(data, DoA >= "01-05-2017")`
`print(det)`

⑥ `install.packages("xlsx")`
`any(grep("xlsx", installed.packages()))`
`library("xlsx")`

```
⑦ data1 <- read.xlsx ("Student.xlsx", sheetIndex=1)
  print(data1)
data2 <- read.xlsx ("Student.xlsx", sheetIndex=2)
  print(data2)
```

```
⑧ library (openxlsx)
  file <- "Student.xlsx"
filelist <- list.files (path=file, full.names=TRUE)
  All <- lapply (filelist, function(filename) {
    print ("Merging", filename, sep=" ")
    read.xlsx (filename)
  })
```

```
⑨ mergeFile = "merged.xlsx"
  df <- do.call (rbind.data.frame, All)
  write.xlsx (df, mergeFile)
```

```
⑩ write.xlsx (mergeFile,
  write.xlsx (df, file="merged.xlsx", showNA=False)
```

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