Date

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1)
```
buff_tail <- c(10, 1, 37, 5, 12)
garden_bee <- c(8, 3, 9, 6, 4)
red_tail <- c(1, 8, 9, 12, 4)
corder_bee <- c(8, 27, 6, 32, 23)
honey_bee <- c(12, 13, 16, 9, 10)

mat <- matrix(c(buff_tail, garden_bee, red_tail,
                corder_bee, honey_bee))

plants <- c("Thistle", "Vipers", "GoldenRain",
            "Yellowalfalfa", "Blackberry")
l1 <- list(plants)
str(l1)
l1
l1[[1]]
l1[[1]][3]
l2 <- list(l1, mat)
l2[[2]][1]
l2[[1]][[1]][2]
l2[[2]][1,]
```

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```
# b
num_list = list(c(1:12))
str_list = list(plants)
real_list = list(seq(from=1.0, to=2.0, by=0.1))
```

2)

```
data ← read.csv("Churn_Modelling.csv")
data$EstimatedSalary

salary_group ← vector(mode="character", length=
                nrow(data))

salary_group[data$EstimatedSalary < 10000] ← "Low"

salary_group[data$EstimatedSalary >= 10000 & data$
    EstimatedSalary < 100000] ← "Medium"

salary_group[data$EstimatedSalary >= 100000] ← "High"

sal_factor ← factor(salary_group, levels = c("Low",
    "Medium", "High"), ordered=T)

data ← cbind(data, sal_factor)

write.csv(data, "Lab-4/exported_data-2.csv")
```