

## R - Home assignment 3&4

### 36A)

**Aim:** Predict weight of a person when his height is known using linear regression  
(Dataset: [http://wiki.stat.ucla.edu/socr/index.php/SOCR Data Dinov 020108 HeightsWeights](http://wiki.stat.ucla.edu/socr/index.php/SOCR_Data_Dinov_020108_HeightsWeights))

### R code:

```
getwd()
setwd(choose.dir())
getwd()
dataset=read.csv('dataset.csv')
dataset
aa=dataset$Weight
bb=dataset$Height
aa
bb
rel=lm(aa~bb)
rel
print(summary(rel))
answer=predict(rel,data.frame(bb=170))
answer
```

Download dataset from here - <https://r.ajaykumarvarma.live/dataset.xlsx>