Q 02

ID=c("A1","A2","A3","A4","A5","A6")

Name=c("Kasun","Asanka","Nayomi","Amali","Chandi","Bhagya")

Gender=c("F","M","M","F","M","F")

Intake=c(30,30,30,30,30,31)

Type=c("Cadet","DS","Cadet","DS","DS","Cadet")

Mathematics=c(86,89,70,84,86,89)

Statistics=c(78,78,80,92,78,78)

English=c(80,76,90,86,80,76)

data.frame(ID,Name,Gender,Intake,Type,Mathematics,Statistics,English)

Marks=data.frame(ID,Name,Gender,Intake,Type,Mathematics,Statistics,English)

New=data.frame( ID = "A7",

Name = "Pubudu",

Gender="M",

Intake = 31,

Type="Cadet",

Mathematics=80,

Statistics=90,

English=85)

Marks=rbind(Marks,New)

Marks$English=Marks$English+5

Marks

mean(Marks$Mathematics)

range(Marks$Mathematics)

quantile(Marks$Mathematics)

summary(Marks$Statistics)

mean(Marks$English)

range(Marks$English)

quantile(Marks$English)

summary(Marks$English)

Marks$Average=rowMeans(Marks[6:8])

Marks

CT/2022/053