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# WORKSHEET 9 WORKSHEET SOLUTIONS
```

```
# Part B, Question 1
```

```
# Load data
```

```
FHS <- read.csv("FHS/frmgham2.csv")
```

```
# Subset to Period=1
```

```
FHS1 <- subset(FHS, PERIOD==1)
```

```
# Part B, Question 2
```

```
# Subset new datasets
```

```
FHS1_prevchd <- subset(FHS1, PREVCHD==1)  
summary(FHS1_prevchd$AGE)
```

```
FHS1_noprevchd <- subset(FHS1, PREVCHD==0)  
summary(FHS1_noprevchd$AGE)
```

```
# Using the by command
```

```
by(FHS1$AGE, FHS1$PREVCHD, summary)
```

```
# Do not forget standard deviation!
```

```
by(FHS1$AGE, FHS1$PREVCHD, sd)
```

```
# Part B, Question 3
```

```
# Option 1
```

```
t.test(FHS1$AGE ~ FHS1$PREVCHD)
```

```
# Option 2
```

```
t.test(FHS1_noprevchd$AGE, FHS1_prevchd$AGE)
```