

# Practical Exam 07/03/24

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```
data(warpbreaks)
```

```
# 1.
```

```
NumOrInt <- sapply(warpbreaks, function(x) is.numeric(x) | is.integer(x))
```

```
NumOrInt
```

```
## breaks    wool tension
```

```
##    TRUE    FALSE    FALSE
```

```
#Base on the result of the NumOrInt, Breaks is Numeric, While the Wool and Tension are both integers.
```

```
# 2.
```

```
#The result of NumOrInt gave 3 observations which is "[1:3] TRUE FALSE FALSE", Which indicates the warp
```

```
# 3.
```

```
#If needed to convert into integer I would have this code running as the break is already determined as
```

```
warpbreaks$wool <- as.integer(warpbreaks$wool)
```

```
warpbreaks$tension <- as.integer(warpbreaks$tension)
```

```
# 4.
```

```
#Displayed Error: NumOrInt <- sapplywarpbreaks, function(x) is.numeric(x) | is.integer(x))
```

```
#Error: unexpected ',' in "NumOrInt <- sapplywarpbreaks,"
```

```
#To get an error I removed the ( between the sapply and warpbreaks which closes the command input for sa
```