

OPERATIONS USING LOOPS

Answer

```
id=c(15,20,31,40,66,12,6,89,10,45)
age=c(25,32,45,67,77,22,67,70,29,20)
sex=c("F","M","F","F","M","M","F","M","M","M")
```

#Note: Once you copy this code to the R Studio, you might have to fix the double
quotes, if RStudio throws an error.

```
patients = data.frame(id,age,sex)
```

```
gender = c() #creating an empty vector to populate it later
```

```
male_count=0
```

```
female_count=0
```

```
for(i in 1:nrow(patients))
```

```
{
```

```
  if(patients$sex[i] == "F"){
```

```
    patients$gender_code[i] = 0
```

```
    female_count=female_count+1
```

```
  }else
```

```
  {
```

```
    patients$gender_code[i] = 1
```

```
male_count=male_count+1
```

```
}
```

```
}
```

```
cbind(patients,gender_code)
```

```
print(patients)
```

```
cat("Total number of male patients =" ,male_count, "\n")
```

```
cat("Total number of female patients =" ,female_count, "\n")
```

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quotes, if RStudio throws an error.