

Solutions:

(1) Loading the data

```
(2) >IsSunday=traffic$Day==" Sunday"  
>IsSaturday=traffic$Day==" Saturday"  
>IsWeekend= IsSunday | IsSaturday
```

(3) (Two solutions)

1.

```
>mean(traffic$AveSpeed[IsWeekend])
```

2.

```
>wantedCol=c(" AveSpeed" )
```

```
>mean(traffic[IsWeekend,wantedCol])
```

```
(4) >mean(traffic$AveSpeed[!IsWeekend])
```

Recall that "!" negates the TRUE/FALSE and records that are not weekends must be weekdays.