

All about functions in R

hw2

2

```
apply(mask, 2, sum)
```

```
hw1 hw2 hw3 hw4 hw5
1780 1456 1616 1703 1585
```

```
which.min(apply(mask, 2, sum))
```

hw2

2

Q4. Optional Extension: From your analysis of the gradebook, which homework was most predictive of overall score (i.e. highest correlation with average grade score)? [1pt]

```
cor(mask$hw5, ans)
```

```
[1] 0.6325982
```

```
apply(mask, 2, cor, y=ans)
```

```
hw1 hw2 hw3 hw4 hw5
0.4250204 0.1767780 0.3042561 0.3810884 0.6325982
```

```
which.max(apply(mask, 2, cor, y=ans))
```

hw5