

### SAQ1

The shortest string should be "", the empty string, because "\*" means matches 0 or more occurrences, so the shortest is all 0, which is "". Or "x"

### SAQ2

"xy" and "yx", cause the "yx" always has a prefix, and "xy" always has a suffix "x".

### SAQ3

#### 3.1

```
grep -P -c "\d{3}-\d{3}-\d{4}" randomText.txt
```

#### 3.2

```
grep -P "\d{1,2}/\d{1,2}/\d{4}" randomText.txt | cut -f3 -d/ | grep -P "19\d{2}" -x | sort -n
```

#### 3.3

```
grep -P "\d{1,2}/\d{1,2}/\d{4}" randomText.txt | cut -f3 -d/ | grep -v "2020" | grep -v "2021"
```