

# 1 Questions

## 1.1 Exercise 1

Define a relationship which is true when the two elements are related

```
relations(X,Y) :- ....
```

## 1.2 Exercise 2

Write a relationship which is true if the concatenation of the first two elements is the third element using unification

```
concat(S1,S2,C1) :- ....
```

## 1.3 Exercise 3

Define a relationship such that it is true if sequence1 is a sub-sequence of sequence 2

```
subseq(S1,S2) :- ....
```