## 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

Define a relationship which is true if element (E1) is an element of Sequence (S1)

```
element(E1, S1) :- ....
```

## 1.3 Exercise 3

Define a relationship such that it is true if sequence 1 is a sub-sequence of sequence  $2\,$ 

```
subseq(S1,S2) :- \dots
```