

### CSE 402 Online#1 (A2)

1. Given two indices, I and K, the **subList** is the list containing the elements between the I'th and K'th element of the original list (both limits included). Start counting the elements from 1.

```
?- subList([a,b,c,d,e,f,g,h,i,k],3,7,X) .  
X = [c,d,e,f,g]
```

2. Write a predicate **showBit/1** that will take an integer n as argument and print all the possible bit sequence of length n.

<pre>?- showBit(3) . 0 0 0 true ; 0 0 1 true ; 0 1 0 true ; 0 1 1 true ; 1 0 0 true ; 1 0 1 true ; 1 1 0 true ; 1 1 1 true ; false.</pre>	<pre>?- showBit(3) . 0 0 0 0 0 1 0 1 0 0 1 1 1 0 0 1 0 1 1 1 0 1 1 1 false.</pre>
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