Truth tables and logic translation with Haskell data Bool = False | True

and  $\Lambda$  88

or V 11

implier  $\rightarrow$  <=not  $\rightarrow$  not

Lists

[1,2,3,4,5]:: [Int] [True, True, Fabe, True]:: [BOO] [1...5] [1,3...9] -> [1,3,5,7,9] [1,3...10]

[5,4...] = [5,4.3,2.1]

List comprehension

[exp] generators and filters]
x<-list, boolean exp

[(x,y) | X<-[1..4], y<-[1..3]] {(x,b) | x \ \{1,2,3,4}, y \ \{1,2,3}}

<u>e</u>

P-Q = 7PVQ



