

[\[Browse source program\]](#) [\[Execute source program\]](#)

```
subset []      = []
subset (x:xs) = x:subset xs
subset (_:xs) =   subset xs

allSubsets set = findall \x -> subset set == x

-- allSubsets [1,2,3] => [[1,2,3],[1,2],[1,3],[1],[2,3],[2],[3],[]]
```