

```
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```

```
module Lab13
where
```

```
data Dictionary = Node Bool [(Char, Dictionary)]
    deriving (Eq, Show)
```

```
dumpDictionary :: Dictionary -> [String]
```

```
dumpDictionary (Node isEnd tries) =
    if isEnd
    then
        [""] ++ (dumpDictionaries tries)
    else
        dumpDictionaries tries
```

```
dumpDictionaries :: [(Char, Dictionary)] -> [String]
```

```
dumpDictionaries [] = []
dumpDictionaries ((c, trie):rest) =
    let
        dic = dumpDictionary trie
        newWords = map (c:) dic
    in newWords ++ (dumpDictionaries rest)
```