

Rezolvare pentru insert

```
instance Collection BTree where
  insert k' v' = fst . go
    where
      go BEmpty = (singleton k' v', True)
      go (BNode l) =
        let
          (lltks, (ltk, element):gtks) =
            span ((Element k' Nothing >) . snd) l
          size = length l
        in case element of
          Element k _ | k == k' ->
            (BNode $ lltks ++ (ltk, Element k (Just v')):gtks, False)
          _ -> case go ltk of
            (ltk', False) ->
              (BNode $ lltks ++ (ltk', element):gtks, False)
            (BNode [(ltk'', Element k'' v''), (gtk'', OverLimit)], True) ->
              let l' = lltks ++ (ltk'', Element k'' v''):(gtk'', element):gtks
              in if size < 2 * order
                 then (BNode l', False)
                 else
                   let (ll', (ltk, kv):gl') = splitAt order l'
                   in ( BNode
                       [ (BNode $ ll' ++ [(ltk, OverLimit)], kv)
                       , (BNode gl', OverLimit)
                       ]
                       , True
                     )
```