Ex: 6.1

q:= insert(2,insert(4,new))

min(insert(4,new)) = 4

2<4 = delete\_min(insert(2,insert(4,new)))=insert(4,new)

delete\_min(insert(4,new)) = new

Ex:6.2

Type Option [T]

Functions:   
none: Option[T] -> zero  
some(t): Option[T] -> t  
the: Option[T] -> t //selector

Preconditions: -

Axioms: ∀t : T, t •  
none(option(t)) = zero  
some(t)(option(t)) = t  
this(some(t)(option(y))) = t