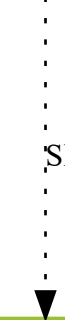


root



SETUP_CONSTANTS

```
gridX = {1,2,3,4,5,6,7,8,9,10},gridY = {1,2,3,4,5,6,7,8,9,10},grid = {(1|->1),(1|->2),(1|->3),(1|->4),(1|->5),(1|->6),(1|->7),(1|->8),(1|->9),(1|->10),(2|->1),(2|->2),(2|->3),(2|->4),(2|->5),(2|->6),(2|->7),(2|->8),(2|->9),(2|->10),(3|->1),(3|->2),(3|->3),(3|->4),(3|->5),(3|->6),(3|->7),(3|->8),(3|->9),(3|->10),(4|->1),(4|->2),(4|->3),(4|->4),(4|->5),(4|->6),(4|->7),(4|->8),(4|->9),(4|->10),(5|->1),(5|->2),(5|->3),(5|->4),(5|->5),(5|->6),(5|->7),(5|->8),(5|->9),(5|->10),(6|->1),(6|->2),(6|->3),(6|->4),(6|->5),(6|->6),(6|->7),(6|->8),(6|->9),(6|->10),(7|->1),(7|->2),(7|->3),(7|->4),(7|->5),(7|->6),(7|->7),(7|->8),(7|->9),(7|->10),(8|->1),(8|->2),(8|->3),(8|->4),(8|->5),(8|->6),(8|->7),(8|->8),(8|->9),(8|->10),(9|->1),(9|->2),(9|->3),(9|->4),(9|->5),(9|->6),(9|->7),(9|->8),(9|->9),(9|->10),(10|->1),(10|->2),(10|->3),(10|->4),(10|->5),(10|->6),(10|->7),(10|->8),(10|->9),(10|->10)},water = {(1|->1),(1|->2),(1|->3),(1|->4),(1|->5),(1|->6),(1|->7),(1|->8),(1|->9),(1|->10),(2|->1),(2|->2),(2|->3),(2|->4),(2|->5),(2|->6),(2|->7),(2|->8),(2|->9),(2|->10),(3|->1),(3|->2),(3|->3),(3|->4),(3|->5),(3|->6),(3|->7),(3|->8),(3|->9),(3|->10),(4|->1),(4|->2),(4|->3),(4|->4),(4|->5),(4|->6),(4|->7),(4|->8),(4|->9),(4|->10),(5|->1),(5|->2),(5|->3),(5|->4),(5|->5),(5|->6),(5|->7),(5|->8),(5|->9),(5|->10),(6|->1),(6|->2),(6|->3),(6|->4),(6|->5),(6|->6),(6|->7),(6|->8),(6|->9),(6|->10),(7|->1),(7|->2),(7|->3),(7|->4),(7|->5),(7|->6),(7|->7),(7|->8),(7|->9),(7|->10),(8|->1),(8|->2),(8|->3),(8|->4),(8|->5),(8|->6),(8|->7),(8|->8),(8|->9),(8|->10),(9|->1),(9|->2),(9|->3),(9|->4),(9|->5),(9|->6),(9|->7),(9|->8),(9|->9),(9|->10),(10|->1),(10|->2),(10|->3),(10|->4),(10|->5),(10|->6),(10|->7),(10|->8),(10|->9),(10|->10)},shipPiece = {},destroyedShipGrid = {}
```



INITIALISATION

