## TheBigBangGame

-LEONARD : String ="LEONARD"
-SHELDON: String = "SHELDON"

-displayResults(sheldonsInitialMove:int, sheldonWins:int, leonardInitialMove:int,leonardWins:int: ties:int) : void +execute(args :String[]):void

## -SHELDON\_WINS: int = 0 -LEONARD\_WINS: int = 1 -TIE: int = 2 -ROCK: int = 0 -PAPER: int = 1 -SCISSORS: int = 2 -LIZARD: int = 3 -SPOCK: int = 4 -leonardsMove: int -leonardsWinCount: int

game

tieCount: int

sheldonsWinCount: int

sheldonsMove: int

+convertShape(shape : String) : int

-determineLeonardsNextMove(sheldonsLastMove:int, leonardsLastMove:int, gameOutcome:int):void

-determine Sheldons Next Move (sheldons Last Move: int,

leonardsLastMove:int, gameOutcome:int) :void

-determine Winner (sheld on s Move: int, leonards Move: int): int

-getBetterMove(lastMove:int):int

+getLeonardsWinCount():int

+getSheldonsWinCount():int

+getTieCount():int

+ play Game (sheld on sIntitial Move: int, leonards Initial Move: int, leonards Init

numberGames:int):void

-updateScores(gameOutcome:int):void