CST 8110 – Intro to Computer Programming

Section: 302 - Professor: Anissa Shaddy

Assignment #3 – Loops

**Andressa Machado 040923007**

Items in GREEN are user input

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| **Description** | **Input** | **Output** |
| NORMAL –  Valid values for bet amount.  Bet amount less than the pot amount. | Your current pot is 100  Enter your bet amount: 50  Enter your bet type: low | Your dies are: 6 and 2 and 4  You LOSE....your bet  Your current pot is 50  Enter your bet amount: |
| NORMAL –  Valid values for bet type.  Bet type in lower case. | Your current pot is 100  Enter your bet amount: 50  Enter your bet type: high | Your dies are: 4 and 5 and 3  You WIN....double your bet  Your current pot is 150  Enter your bet amount: |
| NORMAL –  Valid values for bet type.  Bet type in upper case. | Your current pot is 100  Enter your bet amount: 50  Enter your bet type: HIGH | Your dies are: 4 and 1 and 5  You WIN....double your bet  Your current pot is 150  Enter your bet amount: |
| NORMAL –  Valid values for bet amount.  Bet amount = 0.  Quit the game. | Your current pot is 150  Enter your bet amount: 0 | You end the game with pot of 150. |
| NORMAL –  Empty pot amount.  Pot amount = 0. | Your current pot is 100  Enter your bet amount: 100  Enter your bet type: low | Your dies are: 2 and 6 and 6  You LOSE....your bet  Your current pot is 0  You end the game with a pot of 0 |
| BOUNDARY –  Bet amount equals to the current pot amount. | Your current pot is 120  Enter your bet amount: 120  Enter your bet type: odd | Your dies are: 3 and 6 and 6  You WIN....double your bet  Your current pot is 240  Enter your bet amount: |
| BOUNDARY –  Bet amount equals to one.  Bet amount equals to zero quit the game. | Your current pot is 100  Enter your bet amount: 1 | Enter your bet type: |
| INVALID –  Bet amount greater than pot amount. | Your current pot is 100  Enter your bet amount: 110 | Error - cannot bet less than 0 or more than your current Amount... Enter your bet amount: |
| INVALID –  Invalid bet type. | Your current pot is 100  Enter your bet amount: 100  Enter your bet type: hi | Please enter odd, even, high, or low ....Enter your bet type: |
| INVALID–  Invalid bet amount. | Your current pot is 100  Enter your bet amount: high | Exception in thread "main" java.util.InputMismatchException  at java.util.Scanner.throwFor(Scanner.java:864)  at java.util.Scanner.next(Scanner.java:1485)  at java.util.Scanner.nextInt(Scanner.java:2117)  at java.util.Scanner.nextInt(Scanner.java:2076)  at assignment3.Game.getBetFromUser(Game.java:45)  at assignment3.Game.playGame(Game.java:86)  at assignment3.Assign3.main(Assign3.java:19) |

OVERVIEW

