

Assignments

Java

2 Player High Low Game

```
"C:\Program Files\Java\jdk-13.0.1\bin\java.exe" "-jav
Game Begins!

You: $100, Computer: $100

What is your bet? $50
The computer bets: $63

You both roll your dice....

The computer rolled a 4 and a 2.
You rolled a 6 and a 5.

You WIN !!

Play again? (y/n): y
You: $150, Computer: $37

What is your bet? $150
The computer bets: $19

You both roll your dice....

The computer rolled a 6 and a 4.
You rolled a 6 and a 3.

You LOST! :(

You lost all your money, Game over!
You left with $0
```

Escape Room Game

```
You wake up in the middle of a locked room..

What would you like to do?
look around
You see a plain metal box with a large padlock.

What would you like to do?
open the box
Sorry, you can't do that.

What would you like to do?
unlock the box
You've managed to pick the lock!!

What would you like to do?
look around
You see a key to the door in the box!

What would you like to do?
unlock the door
You use the key in the box to unlock the door and you're free!
Process finished with exit code 0
```

Slot Machine

```
$20 in credits added!
|+-----+| .. .. | * | .. .. | | | | |
| |BAR| | ..... | * * | ..... | |BAR|
|+-----+| ..... | * * | ..... |
| | | | | * | | | |
| | | | | * | | | |
LOSE $10. ($10 remaining)
|--$--$-- |--$--$-- |--$--$-- | * | |--$--$--
|| $$$ | | $$$ | | $$$ | * * | | $$$
|--$--$-- |--$--$-- |--$--$-- | * | * | |--$--$--
| $$$ | | $$$ | | $$$ | * * | $$$ |
|--$--$-- |--$--$-- |--$--$-- | * | |--$--$--
| | | | |
WIN $20! ($30 remaining)
| .. .. |--$--$-- | * | * | .. ..
| ..... | $$$ | * * | * * | .....
| ..... |--$--$-- | * * * * | .....
| ..... | $$$ | * * | * * | .....
| ... |--$--$-- | * | * | ...
| . | | | .
LOSE $10. ($20 remaining)
| * | | .. .. | .. .. | .. ..
| * * | +-----+ | ..... | ..... | .....
| * * | |BAR| | ..... | ..... | .....
| * * | +-----+ | ..... | ..... | .....
| * | | ... | ... | ...
| | | | .
WIN $20! ($40 remaining)
|+-----+| * * | +-----+| +-----+| * *
| |BAR| | * * | |BAR| | |BAR| | * *
|+-----+| * * | +-----+| +-----+| * *
| | | | | * |
| | | | |
LOSE $10. ($30 remaining)
| .. .. | * | * | *
| ..... | +-----+ | * * | * * | * *
| ..... | |BAR| | * * * * * *
| ..... | +-----+ | * * | * * | * *
| ... | | * | * | *
| . | | |
```

```
| .. .. | * | * | *
| ..... | +-----+ | * * | * * | * *
| ..... | |BAR| | * * * * * *
| ..... | +-----+ | * * | * * | * *
| ... | | * | * | *
| . | | |
WIN $20! ($50 remaining)
|--$--$-- | .. .. | .. .. | * | |--$--$--
|| $$$ | ..... | ..... | * * | | $$$
|--$--$-- | ..... | ..... | * * | |--$--$--
| $$$ | | ..... | ..... | * * | $$$ |
|--$--$-- | ... | ... | * | |--$--$--
| | | |
LOSE $10. ($40 remaining)
| .. .. |--$--$-- |--$--$-- | | |
| ..... | | $$$ | | $$$ | +-----+ | +-----+
| ..... |--$--$-- |--$--$-- | |BAR| | |BAR|
| ..... | $$$ | | $$$ | | +-----+ | +-----+
| ... |--$--$-- |--$--$-- | | |
| . | | |
LOSE $10. ($30 remaining)
| * | * | +-----+ | ..... | .....
| * * | * * | +-----+ | ..... | .....
| * * | * * | +-----+ | ..... | .....
| * | * | | ... | ...
| | | |
LOSE $10. ($20 remaining)
|--$--$-- | .. .. | .. .. |--$--$--
|| $$$ | +-----+ | ..... | ..... | $$$
|--$--$-- | |BAR| | ..... | ..... |--$--$--
| $$$ | | +-----+ | ..... | ..... | $$$ |
|--$--$-- | | ... | ... |--$--$--
| | | |
LOSE $10. ($10 remaining)
| .. .. |--$--$-- |--$--$-- | .. .. | .. ..
| ..... | | $$$ | | $$$ | ..... | .....
| ..... |--$--$-- |--$--$-- | ..... | .....
| ..... | $$$ | | $$$ | | ..... | .....
| ... |--$--$-- |--$--$-- | ... | ...
| . | | |
LOSE $10. ($0 remaining)
Sorry, looks like you don't have any credits left! :(
```

Other Assignments

- Battleship Game, console program to calculate shipping costs. (Python)
- ERD and Database for business ticket system. (SQL)
- Manual on assembling Desktop PC's