







**Variables:**

**global:**  
PlayerX, PlayerY  
Character c,p  
Bullsystem bs  
NPC[ ] people. Item[ ] possibleItems  
int gameScreen  
ArrayList inventory

**character:**  
Pvector loc  
float diam

**Item:**

**NPC :**  
PVector loc  
float diam

**Balance:**  
balanceX  
balanceAngle  
balanceEnd  
balanceTime

**Bulls/BullGame:**  
PVector loc, vel, mouse  
float acc, diam, startTime  
int t, count, interval, gameScreenB  
String T

**Cards/CardGame:**  
boolean up  
int id, moves  
PVector pos  
ArrayList cards, faceUp

**Riddles:**  
PVector loc  
float wid

No

No

0

1

Display initial  
screen.

Draw map,  
landmarks, NPCs,  
PC

Draw riddle and  
answers

Inform player of  
being wrong. reset











