

## CS 31: Introduction To Computer Science I

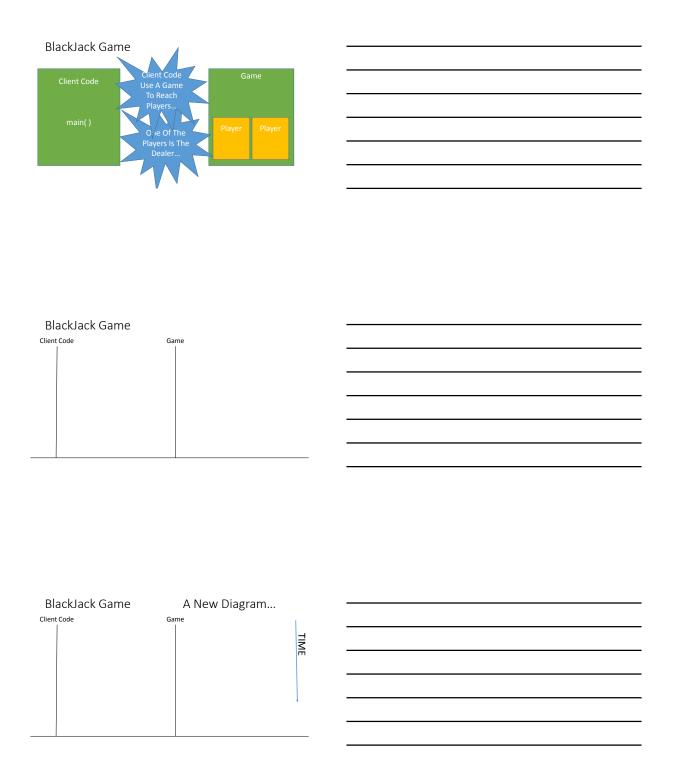
### BlackJack Game





### BlackJack Game





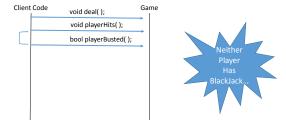
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BlackJack Game Object I	Interaction Diagram	
-1 1. 1 -		
BlackJack Game		
Client Code void deal(); Game		
BlackJack Game		
Client Code void deal(); Game		
bool playerHasBlackJack( );		
bool dealerHasBlackJack( );		

# BlackJack Game Client Code Game void deal(); bool playerHasBlackJack( ); bool dealerHasBlackJack( ); BlackJack Game Client Code Game void deal(); bool playerHasBlackJack( ); bool dealerHasBlackJack( ); BlackJack Game Client Code Game void deal(); bool playerHasBlackJack( ); bool dealerHasBlackJack( ); void playerStands();

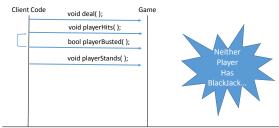
BlackJack Game	
Client Code void deal(); Game	
bool playerHasBlackJack( );	
bool dealerHasBlackJack( );	
Player Does	
void dealerstands();  Have  BlackJack	
BlackJack Game  Client Code void deal();  bool playerHasBlackJack();  bool dealerHasBlackJack();  void playerStands();  void dealerStands();  void display();	
BlackJack Game  Client Code void deal(); Game	

BlackJack Game	
Client Code void deal(); Game	
Neither	
Player Has BlackJack	
Blackdack,	
<b>V</b> •	
BlackJack Game	
Client Code void deal(); Game void playerHits();	
Neither Player	
Has BlackJack	
<b>,</b>	
Dia della ale Carra a	
BlackJack Game  Client Code void deal();  Game	
void deaf();  void playerHits();	
bool playerBusted( ); Neither	
Player Has	
BlackJack	

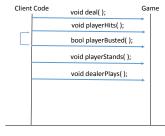
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ப	ıaun	Jack	Оa	1115



### BlackJack Game



### BlackJack Game





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Client Code void deal(); Game	
void playerHits( );	
bool playerBusted( );	
void playerStands( );	
Tidyer	
void dealerPlays( );  BlackJack	
void display();	
void display( ),	
<b>▼</b> '	
BlackJack Game	
Client Code void deal( ); Game	
→ 1010 desit( ))	
Dia akta ak Camaa	
BlackJack Game	
Client Code void deal(); Game	
Neither	
Player	
Has	
BlackJack	
<b>V</b> •	
'	

# BlackJack Game Client Code Game void deal(); void playerHits(); BlackJack Game Client Code Game void deal(); void playerHits(); bool playerBusted( ); BlackJack Game Client Code Game void deal(); void playerHits(); bool playerBusted( ); void dealerPlays();

# BlackJack Game Client Code void deal(); void playerHits(); bool playerBusted(); void dealerPlays(); void display();