

Class Name <i>Player</i>	
Superclass(es):	
Subclasses:	
<i>holds score</i>	
<i>holds name</i>	
<i>sets players name → constructor</i>	
<i>setScore</i>	

Class Name <i>Gameplay</i>	
Superclass(es):	
Subclasses:	
<i>holds players, deck, maxScore as variable</i>	

Class Name <i>CardBehavior</i>	
Superclass(es):	
Subclasses:	

Class Name <i>Deck → stack</i>	
Superclass(es): <i>↳ Flyweight</i>	
Subclasses:	
<i>holds cards</i>	
<i>pop method</i>	
<i>shuffle method</i>	
<i>getInstance → Singleton</i>	

Class Name <i>BonusCard</i>	
Superclass(es):	
Subclasses:	

Class Name <i>FireworksCard</i>	
Superclass(es):	
Subclasses:	

Class Name <i>StopCard</i>	
Superclass(es):	
Subclasses:	

Class Name <i>PlusMinusCard</i>	
Superclass(es):	
Subclasses:	

A drawing editor

Class Name <i>StraightCord</i>	
Superclass(es):	
Subclasses:	

Class Name <i>CoverleafCord</i>	
Superclass(es):	
Subclasses:	

Class Name <i>DiceRoller -> Singleton</i>	
Superclass(es):	
Subclasses:	
<i>rollDice (number of dice)</i>	
<i>return rolled dice</i>	
<i>getInstance</i>	

Class Name	
Superclass(es):	
Subclasses:	

Class Name <u>Scoreboard</u>	
Superclass(es):	
Subclasses:	
Player stores score	

Class Name <u>ScoreCalculator</u>	
Superclass(es):	
Subclasses:	

Class Name <u>Turn</u>	
Superclass(es):	
Subclasses:	
gets Card behavior	
make turn	
E & R commands? → player input	
setPlayer name	

Class Name <u>Displayer → Singleton</u>	
Superclass(es):	
Subclasses:	
display score	
display card	
display dices	

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Class Name	
Superclass(es):	
Subclasses:	

Class Name <i>Initialize game -> singleton</i>	
Superclass(es):	
Subclasses:	
<i>initialize game (player names)</i>	<i>initialize deck</i>
<i>validate input</i>	<i>↳ returns shuffled deck</i>
<i>get winning score -></i>	
<i>number of players</i>	<i>getInstance</i>

Class Name	
Superclass(es):	
Subclasses:	

Class Name	
Superclass(es):	
Subclasses:	