BUG 1 – Player cannot reach betting limit.

Limit set to be 0, but game ends with player still with \$ 5 remaining.

1. Replication

Tes	Test Name Set Balance Limit 0								
Use	Case Tested	:]	Player.java						
Test	t Description	:	Game will over	whe	n the player b	alance goes to	0.		
Pre	-conditions]	Player must have	ve soi	me money for	play game.			
Pos	t-conditions]	Player will lose	all th	ne money at th	ne end.			
Not	es:		· ·		1	he game if pla	•		•
		i	s over when pl	ayer 1	remains balan	ce \$5.			
Res	ult								
(Pas	ss/Fail/Warn	ing/Inco							
mpl	ete)								
	TEST STE	P			EXPECTE	D TEST RES	ULTS	P	F
1.	Set bet on '	Anchor'			Set bit of \$ 5			P	
2.	Dice rolled				Lose the bet			P	
3.	Result				Player balance 0 and Game over.			F	
Test	t Data Table								
		1	2		3	4	5		
Player Name Fred								Fred	
Play	yer Name	Fred	Fred		Fred	Fred	Fred		
	yer Name ance	Fred 25(after win)		fter	Fred \$ 20(after win)	\$10 (after lose)		ter lose	e)

2. Simplification

Error in player.java class

Method	Parameters	Mutates	Returns
Constructor	String name, Int age,	Check the name, age	Object reference.
	Int balance	and balance of player	
		should not be null.	
Set Limit	Int limit	Limit cannot be 0	Void
blanceExceedsLimit		If balance greater than	Boolean
		limit then show the	
		balance.	
blanceExceedsLimitBy	Int amount	Game ends when	Boolean
		balance greater than	
		limit.	
takeBet	Int bet	Cheks the conditions	int
		for bet.	
receiveWinnings	Int winnings	If winnings less than 0	int
		throw exception.	
tostring			Name, balance, limit

3. Tracing

Code with buggy behaviour

Origin of code is in line no 59. Below is the screen shot which shows the code with origin of bug and output where game ends when player balance is \$ 5.

ScreenShot of Code and Output which shows buggy behaviour.

Origin of code

```
45⊝
46
          public boolean balanceExceedsLimit() {
              return (balance >limit);
  47
  48
 49⊝
          public boolean balanceExceedsLimitBy(int amount)
  50
              //Eradicated bug 2 now player reach to betting limit, game ends when balance goes 0 \ref{eq:condition} return (balance - amount >limit);
 51
  52
  53
  54
 55⊕
          public void takeBet(int bet) {
              if (bet < 0) throw new IllegalArgumentException("Bet cannot be negative.");</pre>
 56
               if (!balanceExceedsLimitBy(bet)) throw new IllegalArgumentException("Placing bet would go below limit.");
  57
               balance = balance - bet;
🔐 Problems 🏿 Javadoc 📵 Declaration 📮 Console 🔀 📩 Git Staging 🗐 History

    X % | B all

Main (7) [Java Application] C:\Program Files\Java\jre1.8.0_101\bin\javaw.exe (6Oct.,2016, 11:00:24 am)
Rolled CLUB, ANCHOR, CLUB
Fred won 5, balance now 25
Turn 51: Fred bet 5 on CROWN
Rolled CLUB, ANCHOR, CLUB
Fred lost, balance now 10
Turn 52: Fred bet 5 on HEART
Rolled CLUB, ANCHOR, CLUB
Fred lost, balance now 5
52 turns later.
End Game 99: Fred now has balance 5
Win count = 1985, Lose Count = 2921, 0.40
```

4. Resolution

Code and output after eradicated bug.

```
44
         public boolean balanceExceedsLimit() {
 45⊕
 46
             return (balance >limit);
 47
 48
 49⊕
         public boolean balanceExceedsLimitBy(int amount)
 50
 51
             //Eradicated bug 2 now player reach to betting limit, game ends when balance goes 0
 52
             return (balance - amount >= limit);
 53
         }
 54
 550
         public void takeBet(int bet)
             if (bet < 0) throw new IllegalArgumentException("Bet cannot be negative.");</pre>
 56
 57
             if (!balanceExceedsLimitBy(bet)) throw new IllegalArgumentException("Placing bet would go below limit.");
 58
             balance = balance - bet;
🖳 Problems 	 @ Javadoc 📵 Declaration 📮 Console 💢 📥 Git Staging 🝵 History
                                                                                                                        3/2
Main (7) [Java Application] C:\Program Files\Java\jre1.8.0_101\bin\javaw.exe (6Oct.,2016, 11:05:01 am)
Rolled ANCHOR, CLUB, ANCHOR
Fred lost, balance now 10
Turn 44: Fred bet 5 on CROWN
Rolled ANCHOR, CLUB, ANCHOR
Fred lost, balance now 5
Turn 45: Fred bet 5 on DIAMOND
Rolled ANCHOR, CLUB, ANCHOR
Fred lost, balance now 0
45 turns later.
End Game 99: Fred now has balance 0
Win count = 2098, Lose Count = 3061, 0.41
```

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Tes	Set Balance Limit 0						
Use	e Case Tested: Player.java						
Tes	Test Description: Game will over when the player balance goes to 0.						
Pre-conditions Player must have some money for play game.							
Pos	t-conditions	Player will lose all th	e money at the end.				
Not	es:	While playing the ga	game if player lose all the money and his balance				
	become 0 then game will stop.						
Res	ult						
(Pa	ss/Fail/Warning/Inco						
mp	lete)						
	TEST STEP		EXPECTED TEST RESULTS	P	F		
4.	Set bet on 'Anchor'		Set bit of \$ 5	P			
5.	Dice rolled		Lose the bet	P			
6.	Result		Player balance 0 and Game over.	P			
Tes	 t Data Table						

Test Data Table

	1	2	3	4	5
Player Name	Fred	Fred	Fred	Fred	Fred
Balance	25(after	\$ 20 (after	\$ 20(after	\$10 (after	\$5 (after lose)
	win)	lose)	win)	lose)	

Bug 2.Game does not pay out at correct level.

When player wins on 1 match, balance does not increase.

1. Replication

Test Name	Increment balance.
Use Case Tested:	Main.java

Test	est Description: Increase player's balance when wins the match.						
Pre-	Pre-conditions Player must win the match.						
Post-conditions Player balance increases.							
Note	es:	According to rule wh	nile playing the game if player win	the ma	tch then		
		his balance increases	but in this scenario when player wi	ins his	balance		
	does not increase.						
Resi	ult						
(Pas	ss/Fail/Warning/Inco						
mpl	ete)						
	TEST STEP		EXPECTED TEST RESULTS	P	F		
1	Set bet on 'Anchor'		Set bit of \$ 5				
2	Dice rolled		Win the bet	P			
3	Result		Player balance increase by \$ 10.				

Test Data Table

	1	2	3	4	5
Player Name	Fred	Fred	Fred	Fred	Fred
Balance	25(after	\$ 20 (after	\$ 20(after	\$20 (after	\$10 (after lose)
	win)	lose)	win)	Win)	

2. Simplification

Method	Parameters	Mutates	Returns
Constructor	Int player	Sets player's name,	Objects reference.
		age and balance.	
Main	Int arguments	Init main program	int
Winnings	Int win	Calculate the total	int
		winnings of palyer.	

3. Tracing

Buggy Code screen shot

Origin

```
- -
                                                    🚺 *Main.java 💢 🚺 *Player.java
Dice.java
                ☑ Game.java

☑ DiceValue.java

 62
63
64
65
66
67
68
69
                             if (winnings > 0)
                                  System.out.printf("%s won %d, balance now %d\n\n",
                                           player.getName(), winnings, x);
                                  winCount++;
 71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
                                  System.out.printf("%s lost, balance now %d\n\n",
                                           player.getName(), player.getBalance());
                                  loseCount++:
                         .
System.out.print(String.format("%d turns later.\nEnd Game %d: ", turn, i));
                        System. \textit{out}. println(String. \textit{format}("\%s now has balance \%d\n", player.getName(), player.getBalance())); \\
                    System.out.println(String.format("Win count = %d, Lose Count = %d, %.2f", winCount, loseCount, (float) winCount/(
                    totalLosses += loseCount;
```

Buggy Output

```
📃 Console 🛭 🙋 Tasks
Main (5) [Java Application] C:\Program Files\Java\jre1.8.0_101\bin\javaw.exe (28Sep.,2016, 7:00:17 am) Fred Tost, balance now 20
Turn 35: Fred bet 5 on ANCHOR
Rolled HEART, ANCHOR, DIAMOND
Fred won 5, balance now 20
Turn 36: Fred bet 5 on DIAMOND
Rolled HEART, ANCHOR, DIAMOND
Fred won 5, balance now 20
Turn 37: Fred bet 5 on CLUB
Rolled HEART, ANCHOR, DIAMOND
Fred lost, balance now 15
Turn 38: Fred bet 5 on DIAMOND
Rolled HEART, ANCHOR, DIAMOND
Fred won 5, balance now 15
Turn 39: Fred bet 5 on CROWN
Rolled HEART, ANCHOR, DIAMOND
Fred lost, balance now 10
Turn 40: Fred bet 5 on DIAMOND
Rolled HEART, ANCHOR, DIAMOND
Fred won 5, balance now 10
Turn 41: Fred bet 5 on CROWN
Rolled HEART, ANCHOR, DIAMOND
Fred lost, balance now 5
41 turns later.
End Game 99: Fred now has balance 5
```

4. Resolution

Code after eradicated bug

```
DiceValue.java
Dice.java

☑ Game.java

☑ Main.java 
☒ ☑ *Player.java
                           System.out.printf("Turn %d: %s bet %d on %s\n",
 52
                                   turn, player.getName(), bet, pick);
 53
54
                           int winnings = game.playRound(player, pick, bet);
                          cdv = game.getDiceValues();
 55
 56
 57
                          System.out.printf("Rolled %s, %s, %s\n",
 58
                                   cdv.get(0), cdv.get(1), cdv.get(2));
59
60
61
62
63
64
65
66
67
68
             //increasing balance when player wins
                           if (winnings > 0)
                           int x = bet + player.getBalance(); //eradicated bug, now player balance increases on win
 69
70
71
72
                               System.out.printf("%s won %d, balance now %d\n\n",
                                       player.getName(), winnings, x);
                               winCount++;
 73
                           else {
 74
 75
                               System.out.printf("%s lost, balance now %d\n\n",
 76
                                      player.getName(), player.getBalance());
 77
                               loseCount++;
 78
                          }
```

OutPut after eradicated bug

```
Main (5) [Java Application] C:\Program Files\Java\jre1.8.0_101\bin\javaw.exe (28Sep,2016, 7:06:06 am)

Turn 31: rred Det 5 on CLUB

Rolled CLUB, HEART, ANCHOR

Fred won 5, balance now 25

Turn 32: Fred bet 5 on DIAMOND

Rolled CLUB, HEART, ANCHOR

Fred lost, balance now 15

Turn 33: Fred bet 5 on CROWN

Rolled CLUB, HEART, ANCHOR

Fred lost, balance now 10

Turn 34: Fred bet 5 on ANCHOR

Rolled CLUB, HEART, ANCHOR

Fred won 5, balance now 15
```

Test	t Name		Increment bala	nce.					
Use Case Tested: Main.java									
Test	t Description	:	Increase player	's bal	ance when w	ins the match.			
Pre	-conditions		Player must wi	n the	match.				
Post	t-conditions		Player balance	incre	ases.				
Not	es:		According to r	ule w	hile playing t	he game if play	er win	the ma	tch then
			his balance inc	reases	s but in this s	cenario when p	layer wi	ins his	balance
			does not increase.						
Res	ult								
(Pas	ss/Fail/Warn	ing/Inco							
mpl	ete)								
	TEST STE	P			EXPECTE	D TEST RESU	ULTS	P	F
7.	Set bet on '	Anchor'			Set bit of \$	5		P	
8.	Dice rolled				Win the bet P				
9.	Result				Player bala	nce increase by	\$ 10.	P	
Test	t Data Table							1	
		1	2		3	4	5		
Play	ver Name	Fred	Fred		Fred	Fred	Fred		

Bug 3. Odds in the game do not appear to be correct.

\$ 25

win)

(after \$

lose)

15(after \$10

lose)

(after \$15 (after win)

20(after

lose)

1. Replication

Balance

Test Name	Sets Odds.
Use Case Tested:	Main.java
Test Description:	Remove the bias from game.
Pre-conditions	Player must play the match.

Post-conditions	The ratio should be approximately 0.42.
Notes:	In this game 8% bias is given to house.
Result	
(Pass/Fail/Warning/Inco	
mplete)	

	TEST STEP	EXPECTED TEST RESULTS	P	F
1	Set bet on 'Anchor'	Set bit of \$ 5	P	
2	Dice rolled	Win the bet	P	
3	Result	Player balance increase by \$ 10.	P	
4	Game End	Ratio is less then or equals to 0.42		F

Test Data Table						
	1	2	3	4	5	
Player Name	Fred	Fred	Fred	Fred	Fred	
Balance	25(after	\$ 20 (after	\$ 25 (after	\$30 (after	\$25 (after lose)	
	win)	lose)	win)	Win)		

2. Simplification

Method	Parameters	Mutates	Returns
Constructor	Int player	Sets player's name,	Objects reference.
		age and balance.	
Main	Int arguments	Init main program	int
Winnings	Int win	Calculate the total	int
		winnings of palyer.	

3. Tracing

Buggy Code

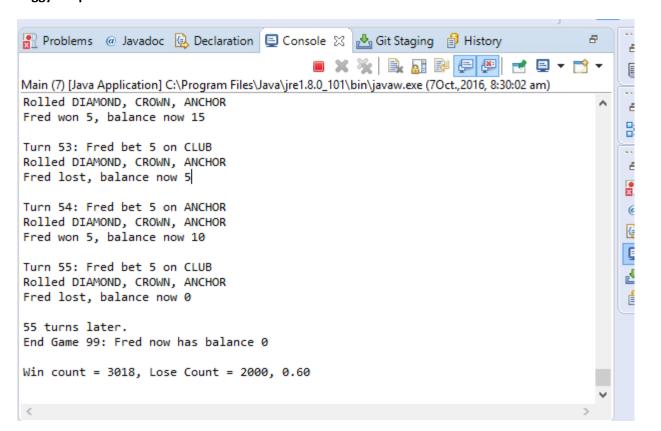
11603192

```
Dice.java

☑ Game.java

                             🚺 DiceValue.java 🔯 Main.java 💢 🚺 Player.java
    {
 65
     int x = bet + player.getBalance(); //eradicated bug, now player balance increases on win
 68
         System.out.printf("%s won %d, balance now %d\n\n",
 69
 70
                 player.getName(), winnings, x);
         winCount++;
 73
    else {
         System.out.printf("%s lost, balance now %d\n\n",
 76
                 player.getName(), player.getBalance());
         loseCount++;
 78 }
 79
 80 'while checking bugs
81 'Eradicate bug 3, Getting right winCounts
82 :em.out.print(String.format("%d turns later.\nEnd Game %d: ", turn, i));
 83 :em.out.println(String.format("%s now has balance %d\n", player.getName(), player.getBalance()));
 87 wt.println(String.format("Win count = %d, Lose Count = %d, %.2f", winCount, loseCount, (float) loseCount/(winCount+loseCount
 88 is += winCount;
    ses += loseCount;
 90
 91 ans = console.readLine();
    equals("q")) break;
    println(String.format("Overall win rate = %.1f%%", (float)((totalLosses / (totalWins + totalLosses)*100))));
```

Buggy Output



Ratio is 0.60

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4. Resolution

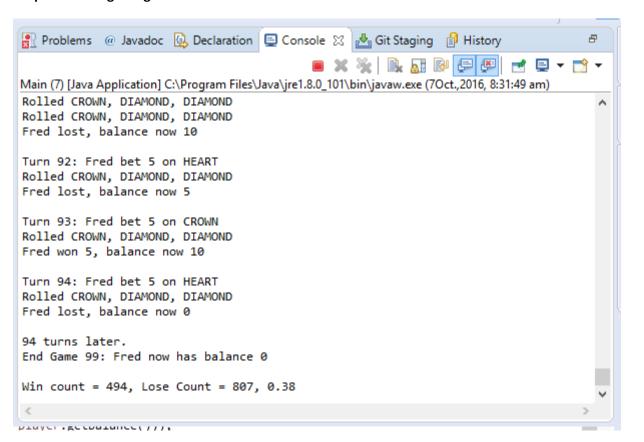
Code after bug fixing

```
🗾 Game.java 🔃 DiceValue.java 🔃 Main.java 💢 🔟 Player.java

☑ Dice.java

65
66
     int x = bet + player.getBalance(); //eradicated bug, now player balance increases on win
 68
        System.out.printf("%s won %d, balance now %d\n\n",
 69
 70
               player.getName(), winnings, x);
        winCount++;
    else {
 74
        System.out.printf("%s lost, balance now %d\n\n",
 75
 76
                player.getName(), player.getBalance());
        loseCount++;
 78 }
 79
 80 'while checking bugs
 81 'Eradicate bug 3, Getting right winCounts
 82 :em.out.print(String.format("%d turns later.\nEnd Game %d: ", turn, i));
 83 :em.out.println(String.format("%s now has balance %d\n", player.getName(), player.getBalance()));
85
 87 >ut.println(String.format("Win count = %d, Lose Count = %d, %.2f", winCount, loseCount, (float) loseCount/(winCount+loseCount
 88 is += winCount;
 89 ;ses += loseCount;
 90
 91 ans = console.readLine();
    equals("q")) break;
    println(String.format("Overall win rate = %.1f%%", (float)((totalLosses / (totalWins + totalLosses)*100))));
```

Output after bug fixing



Ratio is less than 0.42

BUG-4

1. Replication

Tes	st Name		Sets Balanc	ce limit					
Use	Case Tested	:	Main.java						
Tes	st Description	:	In while co	ndition	compare player	r balance with 20	00 inste	ad of 1	00
Pre	e-conditions		Player mus	t have b	alance \$100				
Pos	st-conditions		Sets the limit 100						
Not	tes:		According	to game	player has ba	lance \$ 100 but	in mai	n class	checks
	the condition when playerbalnce< 200.								
Res	sult								
(Pa	ss/Fail/Warn	ing/Inco							
mp	lete)								
	TEST STE	P			EXPECTE	ED TEST RESU	LTS	P	F
1	Set bet on '	Anchor'			Set bit of \$	Set bit of \$ 5			
2	Dice rolled				Win the bet			P	
3	Result				Player bala	Player balance increase by \$ 10.			
Tes	st Data Table								
		1	2		3	4	5		
Pla	yer Name	Fred	Fred		Fred	Fred	Fred		
Balance 20(after lose)		`	\$ 25 win)	(after	\$ 15(after lose)	15(after \$10 (after \$15 (after		ifter wi	n)

2. Simplification

Method	Parameters	Mutates	Returns
Constructor	Int player	Sets player's name,	Objects reference.
		age and balance.	

Main	Int arguments	Init main program	int
Winnings	Int win	Calculate the total	int
		winnings of palyer.	

3. Tracing

Buggy Code

```
Dice.java

☑ Game.java

                                               DiceValue.java
#30
 31
                 for (int i = 0; i < 100; i++)
 32
                     String name = "Fred";
 33
 34
                     int age = 19;
 35
                     int balance = 100;
 36
                     int limit = 0;
 37
                     player = new Player(name, age, balance);
 38
                     player.setLimit(limit);
                     int bet = 5;
 39
 40
 41
                     System.out.println(String.format("Start Game %d: ", i));
                     System.out.println(String.format("%s starts with balance %d, limit %d",
 42
 43
                             player.getName(), player.getBalance(), player.getLimit()));
 44
 45
                     int turn = 0;
 46
                     while (player.balanceExceedsLimitBy(bet) && player.getBalance() < 200)</pre>
 47
                     {
 48
 49
                        DiceValue pick = DiceValue.getRandom();
 50
 51
                         System.out.printf("Turn %d: %s bet %d on %s\n",
 52
                                 turn, player.getName(), bet, pick);
 53
 54
                         int winnings = game.playRound(player, pick, bet);
 55
                        cdv = game.getDiceValues();
 56
 57
                        System.out.printf("Rolled %s, %s, %s\n",
 58
                                 cdv.get(0), cdv.get(1), cdv.get(2));
```

Buggy output

```
Dice.java
              DiceValue.java
                                                🕽 *Main.java 🛭 📝 Player.java

☑ Game.java

                     int parance = במס;
 33
                     int limit = 0;
 34
                     player = new Player(name, age, balance);
 35
                     player.setLimit(limit);
 36
                     int bet = 5;
 37
 38
                     System.out.println(String.format("Start Game %d: ", i));
 39
                     System.out.println(String.format("%s starts with balance %d, limit %d",
 40
                              player.getName(), player.getBalance(), player.getLimit()));
 41
 42
                     int turn = 0;
 43
                                                       // Eradicated bug sets the limit 200
 44
                     while (player.balanceExceedsLimitBy(bet) && player.getBalance() < 200)
 45
                     {
 46
                      //
                           turn++:
 47
                         DiceValue pick = DiceValue.getRandom();
 48
 49
                         System.out.printf("Turn %d: %s bet %d on %s\n",
50
                                  turn, player.getName(), bet, pick);
51
                         turn++:
 52
53
                         //DiceValue pick = DiceValue.getRandom();
54
 55
                          int winnings = game.playRound(player, pick, bet);
56
                         cdv = game.getDiceValues();
57
🔐 Problems 🏿 🕝 Javadoc 📵 Declaration 📮 Console 🔀 📥 Git Staging 📑 History
```

4. Resolution

Code after bug fixing

```
Dice.java
              DiceValue.java

☑ Game.java

                      INC Dalance = בשט;
33
                     int limit = 0;
34
                     player = new Player(name, age, balance);
35
                     player.setLimit(limit);
 36
                     int bet = 5;
37
                     System.out.println(String.format("Start Game %d: ", i));
System.out.println(String.format("%s starts with balance %d, limit %d",
38
39
40
                              player.getName(), player.getBalance(), player.getLimit()));
41
 42
43
                                                       // Eradicated bug sets the limit less than and equals to 100
44
                     while (player.balanceExceedsLimitBy(bet) && player.getBalance() <= 100)
45
46
                           turn++:
47
                         DiceValue pick = DiceValue.getRandom();
48
                          System.out.printf("Turn %d: %s bet %d on %s\n",
50
                                  turn, player.getName(), bet, pick);
51
                          turn++:
52
53
                          //DiceValue pick = DiceValue.getRandom();
55
                          int winnings = game.playRound(player, pick, bet);
56
                          cdv = game.getDiceValues();
```

5. Bug

If player age is less than 18 then throw exception message.

1. Replication

Test Name	Set AGE of player
Use Case Tested:	Player.java
Test Description:	Program will show error message if age of player is less than 18 yeras.
Pre-conditions	Player must try to play game.
Post-conditions	Player age is greater than 18 years
Notes:	According to rule only player greater than age of 18 can play this game.
Result	
(Pass/Fail/Warning/Inco	
mplete)	

	TEST STEP	EXPECTED TEST RESULTS	P	F
1	Set bet on 'Anchor'	Set bit of \$ 5	P	
1	Get name	Accept name of player	P	
2	Get Balance	Set balance \$100	P	
3	Get Age	Accept age of player.		F

Test Data Table

	1	2	3	4	5
Player Name	Fred	Fred	Fred	Fred	Fred
Age	19	19	19	19	19

2. Simplification

Method	Parameters	Mutates	Returns
Constructor	Int player	Sets player's name,	Objects reference.
		age and balance.	

Main	Int arguments	Init main program	int
Winnings	Int win	Calculate the total	int
		winnings of player.	

3. Tracing

Buggy Code

```
Dice.java

☑ Game.java

                              DiceValue.java

☑ Main.java

    *Player.java 
    □

 110
 12
 13
 14 }
 15⊜
         public Player(String name, int age, int balance)
 16
             if (name == null || name .isEmpty()) throw new IllegalArgumentException("Name cannot be null or empty");
 18
 19
             if (balance < 0) throw new IllegalArgumentException("Balance cannot be negative");
 20
 <u>21</u>
22
             this.name = name;
             this.balance = balance;
             this.limit = 0;
 25
             this.age=age;
 26
         //Returning Name, age, Balance and limit of player
 28
 29⊝
         public String getName() {
 30
             return name; }
 31
 32⊝
         public int age() {
 33
             return age; }
 34
 35⊜
         public int getBalance() {
 36
             return balance; }
 37
 38⊜
         public int getWinnings() {
 39
             return winnings; }
```

4. Resolution

Code after bug fixing

```
☑ Player.java ⋈
Dice.java

☑ Game.java

                            DiceValue.java

☑ Main.java

 15⊕
         public Player(String name, int age, int balance)
 16
 17
             if (name == null || name .isEmpty()) throw new IllegalArgumentException("Name cannot be null or empty");
             if (balance < 0) throw new IllegalArgumentException("Balance cannot be negative");
             //Under 18 cannot play this game
 23
             if(age < 18) throw new IllegalArgumentException("Under 18 should not play the game");
 24
             this.name = name:
 25
             this.balance = balance;
             this.limit = 0;
 26
                                 //testing
 27
             this.age=age;
 28
          //Returning Name, age, Balance and limit of player
 29
 30

    X ¾ | B, A; B | F | F | F |

📳 Problems 🏿 Davadoc 🚇 Declaration 📮 Console 🔀 🛂 Git Staging 📑 History
<terminated> Main (7) [Java Application] C:\Program Files\Java\jre1.8.0_101\bin\javaw.exe (7Oct.,2016, 12:34:30 pm)
Exception in thread "main" java.lang.IllegalArgumentException: Under 18 should not play the game
        at Player.<init>(Player.java:23)
        at Main.main(Main.java:37)
Picked up _JAVA_OPTIONS: -Xmx512M
```

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Test	Name	Set AGE of player	Set AGE of player			
Use	Se Case Tested: Player.java					
Test Description: Program will show error message if age of player is less than 18 yer					yeras.	
Pre-conditions Player must try to play game.						
Post-	-conditions	Player age is greater than 18 years				
Note	es:	According to rule on	ly player greater than age of 18 can p	lay this	game.	
Resu	Result					
(Pass	s/Fail/Warning/Inco					
mple	ete)					
	TEST STEP		EXPECTED TEST RESULTS	P	F	
1	Set bet on 'Anchor'		Set bit of \$ 5	P		
1	Get name		Accept name of player	P		
2	Get Balance		Set balance \$100	P		
3	Get Age		Accept age of player.	F		

Test Data Table

	1	2	3	4	5
Player Name	Fred	Fred	Fred	Fred	Fred
Age	17	17	17	17	17