

## Assignment-2

### Test Case:-

1. Player 1 - 1,1,2,4,5  
Player 2 - 2,2,3,5,6  
Player 3 - 1,3,3,6,6  
Player 4 - 4,4,5,6,6

Player	P1	P2(Win)	P3
Bet(no., value)	4,2	4,3	Challenge

2. Player 1 - 1,3,3,3,5  
Player 2 - 2,2,4,4,6  
Player 3 - 1,1,1,2  
Player 4 - 4,4,5,5,6

Player	P2	P3	P4	P1(Win)
Bet	4,3	5,2	11,4	Challenge

3. Player 1 - 3,3,5,6,6  
Player 2 - 1,3,4,4,6,  
Player 3 - 2,2,2,3  
Player 4 - 3,4,5,6

Player	P1(Win)	P2
Bet	4,4	Challenge

4. Player 1 - 1,1,2,2,3  
Player 2 - 4,4,5,5  
Player 3 - 1,2,3,6  
Player 4 - 1,3,5,5

Player	P1	P2	P3	P4	P1	P2	P3(Win)
Bet	2,2	3,2	5,4	6,3	2,5	7,6	Challenge

5. Player 1 - 3,4,5,5,6  
 Player 2 - 1,2,3  
 Player 3 - 2,5,6,6  
 Player 4 - 4,4,4,5

Player	P3	P4	P1	P2(Win)	P3
Bet	3,4	5,6	7,2	5,6	Challenge

6. Player 1 - 1,1,2,4,5  
 Player 2 - 2,2,3  
 Player 3 - 1,3,3  
 Player 4 - 4,5,5,6

Player	P2	P3	P4(Win)	P1
Bet	5,2	5,3	5,4	Challenge

7. Player 1 - 1,3,6,6  
 Player 2 - 2,2,3  
 Player 3 - 4,4,4  
 Player 4 - 5,5,5,6

Player	P4	P1(Win)
Bet	5,5	Challenge

8. Player 1 - 1,1,2,4  
 Player 2 - 2,2,3  
 Player 3 - 1,3,3  
 Player 4 - 4,4,5

Player	P1	P2	P3	P4	P1	P2	P3	P4(Win)
Bet	4,2	4,3	4,4	5,4	6,4	7,4	8,4	Challenge

9. Player 1 - 2,5,6,6  
 Player 2 - 2,4,6  
 Player 3 - 3,5  
 Player 4 - 3,3,4

Player	P4	P1(Win)	P2
Bet	4,3	3,6	Challenge

10. Player 1 - 1,2,5,6  
 Player 2 - 5,5  
 Player 3 - 2,3  
 Player 4 - 1,4,6

Player	P1	P2	P3	P4	P1(Win)
Bet	4,2	4,5	5,3	5,4	Challenge

11. Player 1 - 2,3,3,,5  
 Player 2 - 2,2  
 Player 3 - 1,3  
 Player 4 - 4,6

Player	P1	P2	P3(Win)
Bet	4,3	5,2	Challenge

12. Player 1 - 1,1,6,6  
 Player 2 - 3  
 Player 3 - 1,3  
 Player 4 - 4,5

Player	P3	P4	P1	P2	P3	P4	P1(Win)	P2
Bet	4,3	4,4	4,6	7,3	3,4	4,2	5,6	Challenge

13. Player 1 - 3,4,5,6  
 Player 2 - Lost  
 Player 3 - 1,4  
 Player 4 - 2,6

Player	P1	P3	P4(Win)
Bet	3,3	3,4	Challenge

14. Player 1 - 1,4,4,4  
 Player 2 - Lost  
 Player 3 - 6  
 Player 4 - 2,2

Player	P4	P1	P3	P4	P1	P3(Win)	P4
Bet	3,2	3,4	4,4	5,2	3,4	4,4	Challenge

15. Player 1 - 1,2,3,5  
 Player 2 - Lost  
 Player 3 - 6  
 Player 4 - 2

Player	P3	P4(Win)	P1
Bet	2,6	3,2	Challenge

16. Player 1 - 3,3,3  
 Player 2 - Lost  
 Player 3 - 5  
 Player 4 - 3

Player	P4	P1(Win)
Bet	5,3	Challenge

17. Player 1 - 1,1,1  
 Player 2 - Lost  
 Player 3 - 4  
 Player 4 - Lost

Player	P1	P3	P1	P3	P1	P3	P1(Win)	P3
Bet	2,2	2,4	3,2	4,2	3,3	3,4	4,4	Challenge

->Player 1 - **Winner (3 dice remaining)**  
 Player 2 - Lost  
 Player 3 - Lost  
 Player 4 - Lost

-> Game finished in 17 rounds