

BLACKJACK

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This is code show how to play blackjack in java.

Java code in my assignment

```
public class Cards{
    public static int rand(int high){
        return (int) (high*Math.random()+1);
    }
    public static void shuffle(String[] the_deck, int switches){
        String temp;
        int a; int b;
        for(int i=0; i<switches; i++){
            a = rand(52);
            b = rand(52);
            temp = the_deck[a-1];
            the_deck[a-1] = the_deck[b-1];
            the_deck[b-1] = temp;
        }
    }
    public static void main(String[] args){
        String[] deck = new String[52];
        String[] suit = new String[4];
        int[] card = new int[13];
        for (int i=0; i<card.length; i++){
            card[i]=i+1;}
        String cardName;
        suit[0] = "Clubs";
        suit[1] = "Diamonds";
        suit[2] = "Hearts" ;
        suit[3] = "Spades";
        for(int i=0; i<4; i++){
            for(int j=0; j<13; j++){
                if(j==0){cardName="Ace";}
                else if(j==10){cardName="Jack";}
                else if(j==11){cardName="Queen";}
                else if(j==12){cardName="King";}
                else {cardName=Integer.toString(card[j]);}
                deck[ 13*i+j ]= cardName + "_" +suit[i];
            }
        }
        for(int i=0; i<52; i++){
            System.out.println(deck[i]);
        }
        shuffle(deck, 1000);
        System.out.println("SHUFFLED");
        for(int i=0; i<52; i++){
            System.out.println(deck[i]);
        }
    }
}
```

Cards; 21

You win! ! !