

Kart SINIFI

```
public class Kart {  
    private String KartNo;  
    private String KartTuru;  
  
    public Kart (String No, String Tur){  
        KartNo=No;  
        KartTuru=Tur;  
    }  
  
    public String toString(){  
        return KartTuru+" "+KartNo;  
    }  
}
```

Deste SINIFI

```
import java.util.Random;  
  
public class KartDestesi {  
  
    private static final int KART_SAYISI = 52;  
  
    private Kart deste [] = new Kart [KART_SAYISI];  
  
    int i;  
  
    private int siradakiKart;  
  
    private static final Random randNum = new Random();  
  
    public KartDestesi () {  
  
        String [] No = {"AS", "Papaz", "KIZ", "VALE", "IKI",  
            "Uc", "Dort", "Bes", "Alti", "Yedi", "Sekiz", "Dokuz", "On"};  
  
        String Tur [] = {"Kupa", "MAca", "Karo", "Sinek"};  
  
        for (i=0;i<deste.length;i++){  
            deste [i] = new Kart (No [i%13],Tur[i/13]);  
            System.out.println("No = "+No[i]);  
        }  
  
    }  
}
```

```
public void KartKaristir() {  
  
    int birinci;  
    siradakiKart=0;  
  
    for( birinci=0;birinci<deste.length;birinci++)  
    {  
        int ikinci = randNum.nextInt(KART_SAYISI);  
  
        Kart temp = deste[birinci];  
        deste[birinci] = deste[ikinci];  
        deste[ikinci] =temp;  
  
    }  
  
}  
  
public Kart KartDagit() {  
  
    if(siradakiKart<deste.length)  
        return deste [siradakiKart++];  
    else  
        return null;  
}  
}
```

TEST SINIFI

```

public class OyunTest {

    public static void main(String[] args) {
        // TODO Auto-generated method stub

        KartDestesi yenideste = new KartDestesi();

        yenideste.KartKaristir();

        int i;

        for (i=0;i<52;i++){

            System.out.printf( "%-19s", yenideste.KartDagit() );

            if ( i % 4 == 0 )
                System.out.println();

        }

    }
}

```

ÖRNEK ÇIKTI

<terminated> OyunTest [Java Application] C:\Program Files\Java\jre1.8.0_101\bin\javaw.exe (Nov 16, 2016, 11:02:26 PM)

Kupa On	Kupa Yedi	Sinek Bes	Kupa Bes
Kupa Dort	Karo KIZ	Karo Yedi	MAca Bes
Sinek Uc	MAca Yedi	MAca Uc	Karo Dort
Kupa Papaz	MAca KIZ	MAca IKI	Karo VALE
Karo Bes	Kupa KIZ	Sinek Sekiz	MAca On
Sinek VALE	Sinek IKI	Sinek KIZ	Karo Papaz
Karo Dokuz	Karo Sekiz	MAca Papaz	Sinek AS
Kupa IKI	Sinek Papaz	Kupa Sekiz	Karo Alti
Karo AS	Sinek Dokuz	Karo On	Sinek Dort
Kupa Dokuz	Karo Uc	MAca AS	Kupa Alti
Kupa AS	MAca Sekiz	MAca Alti	MAca Dokuz
Sinek Yedi	Kupa VALE	Kupa Uc	Karo IKI
Sinek Alti	MAca Dort	MAca VALE	
Sinek On			