

```

public class MyArrayList<E>
{
    ...
    private int MAXELEMENTS = 4;
    ...
    public boolean isAllGuessed()
    {
        boolean check=true;
        for (int i = 0; i < size; i++)
        {
            Card hold = (Card) data[i];
            if (!hold.isGuessed())
                check=false;
        }
        return check;
    }
    public boolean isFull()
    {
        if (size<MAXELEMENTS)
            return false;
        else
            return true;
    }
}

```

```

public class TestProgram
{
    public static void main(String[] args)
    {
        Scanner in = new Scanner(System.in);
        Random ran = new Random();
        MyArrayList blocks[] = new MyArrayList[4];
        blocks[0] = new MyArrayList<Card>();
        blocks[1] = new MyArrayList<Card>();
        blocks[2] = new MyArrayList<Card>();
        blocks[3] = new MyArrayList<Card>();

        for(int i=0;i<4;++i)
        {
            while(!blocks[i].isFull())
            {
                int val=ran.nextInt(8)+1;
                Card hold = new Card(val);
                int count=0;
                for(int i2=0;i2<4;++i2)
                    count = count + blocks[i2].getCount(hold);

                if(count<2)
                    blocks[i].add(blocks[i].getSize(),hold);
            }
        }
        for (int i = 0; i<4; i++)
            System.out.println(blocks[i]);
        ...
        ...
    }
}

```