Dishonest Lottery

There are only 50 possible drawn numbers – so just create an array of counts, and print out any with more than $2 \times n$. The toughest part is the output formatting, but the Kattis judger is very forgiving with whitespace.

Here's some Java code for you:

```java
int counts[] = new int[51];
Arrays.fill( counts, 0 );

int n = sc.nextInt();
for( int i=0; i<10*n; i++ )
{
  for( int j=0; j<5; j++ )
  {
    ++counts[sc.nextInt()];
  }
}

boolean atLeastOne = false;
for( int i=1; i<=50; i++ )
{
  if( counts[i]>n+n )
  {
    ps.print( (atLeastOne?" ":"") + i );
    atLeastOne = true;
  }
}

ps.println( atLeastOne ? "" : "-1" );
```