```
import java.util.Scanner;
public class Kaprekar
  public static void main(String args[])
    Scanner br= new Scanner(System.in);
    System.out.println("Enter the starting range");
    int p = br.nextInt(); //For storing starting range
    System.out.println("Enter the ending range");
    int q = br.nextInt(); //For storing ending range
    String numbers = " "; //For storing Kaprekar Numbers
    int count = 0; //For counting Kaprekar Numbers
    for(int i=p; i<=q; i++)
       int number = i;
       long square = number * number; //To store the square of each number
       double number of digits = Double.valueOf((String.valueOf(square)).length()); //Counting the
number of digits
       long right side = square % (long)Math.pow(10,Math.ceil(number of digits/2)); //Extracting the
right side of the number
       long left side = square / (long)Math.pow(10,Math.ceil(number of digits/2)); //Extracting the left
side of the number
       if(right side+left side == number) //Checking whether the number is Kaprekar or not
         numbers += String.valueOf(number)+", ";
         count++;
       }
    }
    System.out.println("\nTHE KAPREKAR NUMBERS ARE:-
"+numbers.substring(0,numbers.length()-2)); //printing Kaprekar Numbers
    System.out.println("\nFREQUENCY OF KAPREKAR NUMBERS IS: "+count);
  }
}
```

OUTPUT

Enter the starting range 1
Enter the ending range 1000

THE KAPREKAR NUMBERS ARE:- 1, 9, 45, 55, 99, 297, 703, 999

FREQUENCY OF KAPREKAR NUMBERS IS: 8