```
//To Print the Prime Palindrome Numbers in a given range                    Aswin Asok

import java.util.Scanner;
public class prime_palindrome
{
   public static void main(String args[])
   {
      Scanner br=new Scanner(System.in);
      System.out.print("m = ");
      int m = br.nextInt(); //Start Index.

      System.out.print("\nn = ");
      int n = br.nextInt(); //End Index.
      int main_count = 0;

      if(m<n && m<3000 && n < 3000) // Checking whether m<n and m and n less than 3000.
      {
         System.out.println("\nTHE PRIME PALINDROME INTEGERS ARE : ");
         while(m<=n)
         {
            if(m==1)//Skipping "1" as 1 isn't prime.
            {
               m++;
               continue;
            }
            if(prime(m) && palindrome(m)) // Calling Respective Functions
            {
               main_count++; //To Count the Number of Prime Palindrome Numbers.
               System.out.print(m + ", "); //Printing the Prime Palindrome Numbers.
            }
            m++;
         }

         System.out.println("\n\nFREQUENCY OF PRIME PALINDROME INTEGERS : "+main_count);
      }
      else
         System.out.println("\nOUT OF RANGE");
   }

   public static boolean prime(int m) //Checking Prime.
   {
      for(int i=2;i<=m/2;i++)
      {
         if(m%i==0)
```

```
            return false;
        }
        return true;
    }

    public static boolean palindrome(int m) //Checking Palindrome.
    {
        int copy = m; //Storing a Copy of m.
        int reversed_number = 0; //To Store Reversed Number.
        while(copy>0)
        {
            int d = copy%10;
            reversed_number = reversed_number*10+d;
            copy/=10;
        }
        if(reversed_number == m)
            return true;
        else
            return false;
    }
}
```

OUTPUT

m = 100

n = 1000

THE PRIME PALINDROME INTEGERS ARE :
101, 131, 151, 181, 191, 313, 353, 373, 383, 727, 757, 787, 797, 919, 929,

FREQUENCY OF PRIME PALINDROME INTEGERS : 15