```java
import java.text.ParseException;
import java.text.SimpleDateFormat;
import java.util.Date;
import java.util.regex.Matcher;
import java.util.regex.Pattern;

public class ReplaceAllDatesWithFormats {

    public static String
replaceAllDatesWithFormat(String
inputString) {
        // Define possible date format
patterns in the input strings
        String[] datePatterns = {
            "\\d{8}",    // Matches DDMMYYYY
or MMDDYYYY
            "\\d{6}",    // Matches DDMMYY or
MMDDYY
            "\\d{2}-\\d{2}-\\d{4}", // Matches DD-
MM-YYYY
            "\\d{2}-\\d{2}-\\d{2}", // Matches DD-
```

```
MM-YY
        "\\d{4}/\\d{2}/\\d{2}", // Matches YYYY/MM/DD
        "\\d{2}/\\d{2}/\\d{4}"  // Matches DD/MM/YYYY
    };

    // Define possible date formats and their corresponding patterns
    String[][] formatMappings = {
        {"ddMMyyyy", "\\d{8}"},
        {"MMddyyyy", "\\d{8}"},
        {"yyyyMMdd", "\\d{8}"},
        {"dd-MM-yyyy", "\\d{2}-\\d{2}-\\d{4}"},
        {"dd-MM-yy", "\\d{2}-\\d{2}-\\d{2}"},
        {"MMddyy", "\\d{6}"},
        {"yyyy/MM/dd", "\\d{4}/\\d{2}/\\d{2}"},
        {"dd/MM/yyyy", "\\d{2}/\\d{2}/\\d{4}"}
```

```java
        };

        // Iterate through each pattern and
        replace matching dates
        for (String[] mapping :
        formatMappings) {
            String format = mapping[0];
            String regex = mapping[1];

            Pattern pattern =
        Pattern.compile(regex);
            Matcher matcher =
        pattern.matcher(inputString);

            while (matcher.find()) {
                String matchedDate =
        matcher.group(); // Extract the matched
        date

                // Try to parse the matched date
        using its format
```

```java
            try {
                SimpleDateFormat formatter =
new SimpleDateFormat(format);
                formatter.setLenient(false); //
Ensure strict date parsing
                Date testDate =
formatter.parse(matchedDate);

                // If successfully parsed,
replace the date with its format pattern
                inputString =
inputString.replace(matchedDate,
format.toUpperCase());
            } catch (ParseException ignored) {
                // Skip invalid matches
            }
        }
    }

    return inputString;
}
```

```java
public static void main(String[] args) {
    // Example usage
    String inputString1 = "Hello_World-test,123t_08012025_080125_2025/01/08";
    String inputString2 = "Dates: 01-02-2025 and 01022025, plus 25/01/2025.";


System.out.println(replaceAllDatesWithFormat(inputString1));
    // Expected: Hello_World-test,123t_DDMMYYYY_DDMMYY_YYYY/MM/DD


System.out.println(replaceAllDatesWithFormat(inputString2));
    // Expected: Dates: DD-MM-YYYY and DDMMYYYY, plus DD/MM/YYYY.
```

```
    }
}
```