

Pascal Case

In pascal case first letter of every word should be upper case.

usually used for writing class names. If you name your class with one or more than one word then each word should begin with capital letter.

For example a class for finding students when you know their name can be named in pascal casing as **FindStudentByName**. Here you can see every word start with a capital letter. The purpose is readability and to make your code universally acceptable because for any developer developing in your language by seeing the name he can understand that this is a class.

Camel Case

It is the practice of writing compound words or phrases in which the elements are joined without spaces, with each element's initial letter capitalized within the compound, and the first letter is either upper or lower case—as in "LaBelle", BackColor, "McDonald's", or "iPod". The name comes from the uppercase "bumps" in the middle of the compound word, suggestive of the humps of a camel. In camel case first letter of first word lower case, and first letter of every word, after that should be Upper Case.

Ex: userName userFullName

A sample Java program for camel case

```
package com.thispointer.java.string.examples;

public class CaseConverter {

    /*
     * Convert Given String to Camel Case i.e.
     * Capitalize first letter of every word to upper case
     */
    String camelCase(String str)
    {
```

```

StringBuilder builder = new StringBuilder(str);
// Flag to keep track if last visited character is a
// white space or not
boolean isLastSpace = true;

// Iterate String from beginning to end.
for(int i = 0; i < builder.length(); i++)
{
    char ch = builder.charAt(i);

    if(isLastSpace && ch >= 'a' && ch <='z')
    {
        // Character need to be converted to uppercase
        builder.setCharAt(i, (char)(ch + ('A' - 'a')));
        isLastSpace = false;
    }
    else if (ch != ' ')
        isLastSpace = false;
    else
        isLastSpace = true;
}

return builder.toString();
}
public static void main(String[] args) {

    CaseConverter converter = new CaseConverter();

    String str = converter.camelCase("This is the sample string");

    System.out.println(str);

}

}

```