

Code:

```
//String Buffer

import java.util.Scanner;

class Practical4B{

    public static void main(String[] args){
        Scanner sc = new Scanner(System.in);
        String temp;
        int length;

        System.out.print("Enter your first name : ");
        // StringBuffer str1 = new StringBuffer("James");
        temp = sc.next();
        StringBuffer str1 = new StringBuffer(temp);
        length = str1.length();
        System.out.print("Enter your Surname : ");
        // StringBuffer str2 = new StringBuffer("Gosling");
        temp = sc.next();
        StringBuffer str2 = new StringBuffer(temp);

        // Append function and insert function of String buffer class
        System.out.println("The Name entered is : " +
str1.append(str2).insert(length, ' '));

        //setCharAt() function of String buffer class
        str1.setCharAt(length, '-');
        System.out.println("Using setCharAt() function : " + str1);

        System.out.print("Enter the length of the string : ");
        length = sc.nextInt();

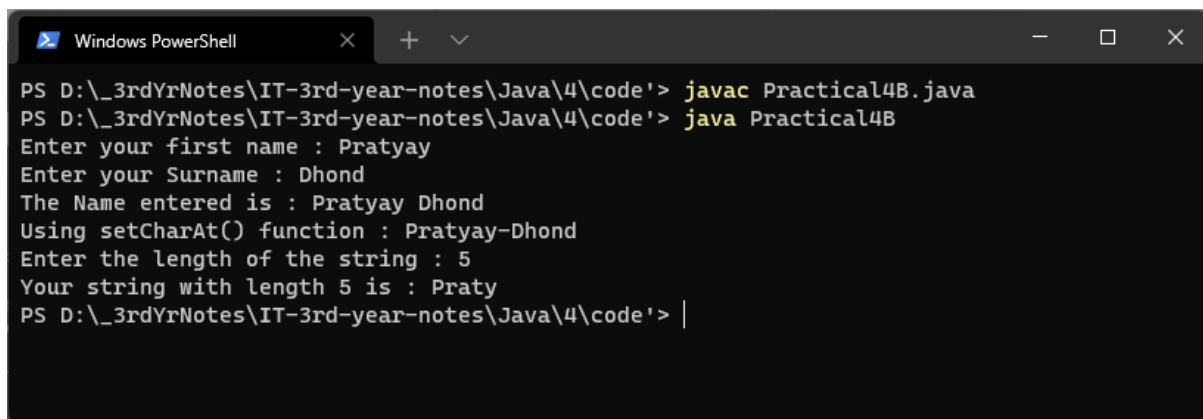
        if(length > str1.length()){
            System.out.println("The string has less characters than the
inputted length");
            //      System.out.println("The extra characters will be replaced with
'0's. ");
            str1.setLength(length);
            System.out.println("Your String with length " + length + " is : "
+ str1);
        }else if(length <= 0){
            System.out.println("Length of string cannot be zero or less than
zero.");
        }else{
            str1.setLength(length);
        }
    }
}
```

```
        System.out.println("Your string with length " + length + " is : "
+ str1);
    }

}

}
```

Output:



```
Windows PowerShell
PS D:\_3rdYrNotes\IT-3rd-year-notes\Java\4\code'> javac Practical4B.java
PS D:\_3rdYrNotes\IT-3rd-year-notes\Java\4\code'> java Practical4B
Enter your first name : Pratyay
Enter your Surname : Dhond
The Name entered is : Pratyay Dhond
Using setCharAt() function : Pratyay-Dhond
Enter the length of the string : 5
Your string with length 5 is : Praty
PS D:\_3rdYrNotes\IT-3rd-year-notes\Java\4\code'> |
```