**Java LAB – {5}**

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3-MCA B

**CODE :**

package Lab5;

//import java.util.Scanner;

public class mainclass {

public static void main(String[] args) {

// Scanner scan = new Scanner(System.in);

// String Methods

System.out.println("\nString Methoods are: \n");

//1. UPPER CASE

String product = "t-shirt";

String productInAllCaps = product.toUpperCase();

System.out.println(productInAllCaps); // Output: T-SHIRT

//2 CONCATING STRING.

String productName = "T-Shirt";

String productColor = "Blue Colour";

String productDescription = productName.concat(" in ").concat(productColor);

System.out.println(productDescription); // Output: T-Shirt in Blue

//3. LENGTH OF THE STRING

String password = "Password@123";

if (password.length() >= 8) {

System.out.println("Password meets length requirements");

} else {

System.out.println("Password does not meet length requirements");

}

//4. INDEXING AND OUTPUT AS PER INDEX

String fullName = "Yuckquee";

String firstName = fullName.substring(0, 4);

System.out.println(firstName); // Output: Yuck

//5. REPLACING THE STRING

String userInput = "This is a \*\*\*\* good product!";

String sanitizedInput = userInput.replace("\*\*\*\*", "damn");

System.out.println(sanitizedInput);

// StringBuffer Methods

//1. APPENDING THE STRING

StringBuffer address = new StringBuffer();

System.out.println("\nString Buffer Methoods are: \n");

System.out.println("\nSeller Address \n");

address.append("Ganesh ganj\n");

address.append("latosh road\n");

address.append("Lucknow, UP");

System.out.println(address.toString());

//2. ADDITION OF SOMETHING IN BETWEEN OF A STRING AS PER INDEX

StringBuffer Description = new StringBuffer("This is a product description.");

Description.insert(14, "\n");

System.out.println(Description.toString()); // Output: here i am breaking but it can insert something in the string

//3.REVERSING THE STRING

StringBuffer productSKU = new StringBuffer("ABC123");

productSKU.reverse();

System.out.println(productSKU.toString());

//4. DELETING THE STRING

StringBuffer ab=new StringBuffer("Hello");

ab.delete(1,3);

System.out.println(ab);//prints Hlo

//5.

StringBuffer sb =new StringBuffer();

System.out.println(sb.capacity());//default 16

sb.append("Domain");

System.out.println(sb.capacity());//now 16

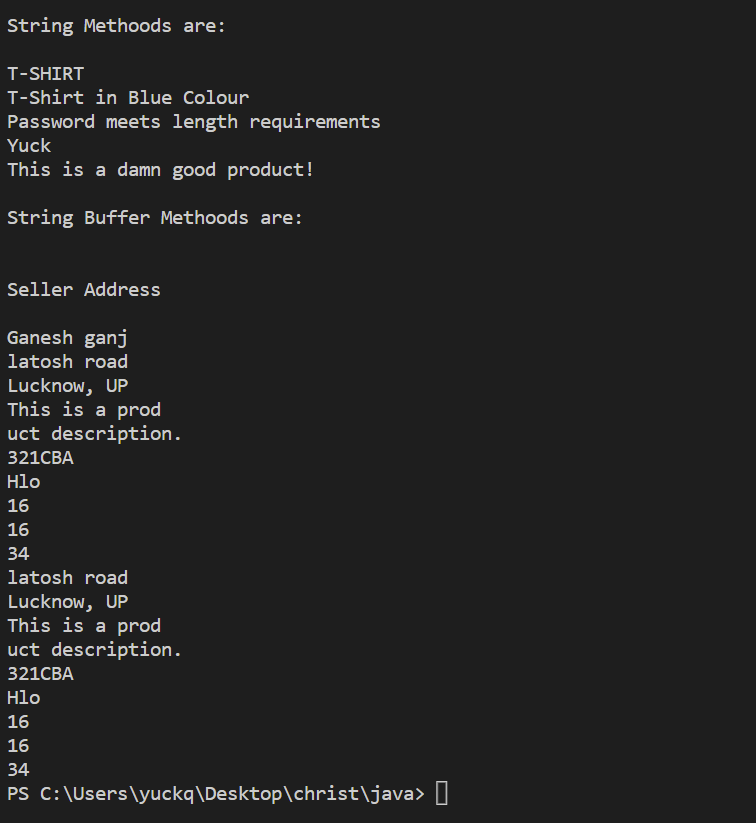
sb.append("E:Commerce brand");

System.out.println(sb.capacity());//now (16\*2)+2=34 i.e (oldcapacity\*2)+2

}

}

**OUTPUT :**

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