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Online Java Compiler.

Code, Compile, Run and Debug java program online.

Write your code in this editor and press "Run" button to execute it.

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import java.util.Scanner;

public class Main

{

static void using\_string\_builder()

{

System.out.println("\f");

System.out.println("Enter String:");

Scanner s=new Scanner(System.in);

StringBuilder value=new StringBuilder(s.nextLine());

System.out.println("Implementing String functions...................");

System.out.println("Press 1. to use append function.");

System.out.println("Press 2. to use capacity function.");

System.out.println("Press 3. to use charAt function.");

System.out.println("Press 4. to use delete function.");

System.out.println("Press 5. to use ensureCapacity function.");

System.out.println("Press 6. to use indexOf function.");

System.out.println("Press 7. to use length function.");

System.out.println("Press 8. to use replace function.");

System.out.println("Press 9. to use reverse function.");

System.out.println("Press 10. to use substring function.");

System.out.println("Press 11. to use toString function.");

System.out.println("Press 12. to use trimToSize function.");

System.out.println("Press anything else to exit.");

System.out.println("Enter choice:.");

int ch=s.nextInt();

switch(ch)

{

case 1:System.out.println("Enter a string to append with original String:");

String a=s.nextLine();

value=value.append(a);

System.out.println("New value of String is:"+value);

break;

case 2:System.out.println("Capacity of original string is:"+value.capacity());

break;

case 3:System.out.println("Enter an index to check for equivalent Character:");

int a1=s.nextInt();

System.out.println("Value at entered index is:"+value.charAt(a1));

break;

case 4:System.out.println("Enter starting index for deleting:");

int a2=s.nextInt();

System.out.println("Enter ending index for deleting:");

int b1=s.nextInt();

value=value.delete(a2,b1);

System.out.println("New String after deleting is:" +value);

case 5:System.out.println("Enter minimum value for the capacity of the string:");

int a3=s.nextInt();

value.ensureCapacity(a3);

System.out.println("Capacity ensured.....................");

case 6: System.out.println("Enter any sequence of characters to implement contains function:");

String a5=s.nextLine();

System.out.println("Index of the entered substring is:"+value.indexOf(a5));

break;

case 7:System.out.println("Length of original string is:"+value.length());

break;

case 8:System.out.println("Enter starting index for replacing :");

int a4=s.nextInt();

System.out.println("Enter ending index for replacing:");

int b4=s.nextInt();

System.out.println("Enter a new substring to replace within the original String:");

String c=s.nextLine();

value=value.replace(a4,b4,c);

System.out.println("New value of String is:"+value);

break;

case 10:System.out.println("Enter an index to form a new substring:");

int a8=s.nextInt();

System.out.println("Value at entered index is:"+value.substring(a8));

break;

case 11:System.out.println("Converting current StringBuilder to String");

String value\_new=value.toString();

System.out.println("New String object is:"+value\_new);

break;

case 12:System.out.println("Reducing Size of current String Builder object:");

value.trimToSize();

break;

default:System.out.println("Exitting.................");

System.exit(0);

}

}

static void using\_string()

{

System.out.println("\f");

System.out.println("Enter String:");

Scanner s=new Scanner(System.in);

String value=s.nextLine();

System.out.println("Implementing String functions...................");

System.out.println("Press 1. to use charAt function.");

System.out.println("Press 2. to use compareTo function.");

System.out.println("Press 3. to use concat function.");

System.out.println("Press 4. to use contains function.");

System.out.println("Press 5. to use equals function.");

System.out.println("Press 6. to use equalsIgnoreCase function.");

System.out.println("Press 7. to use hashCode function.");

System.out.println("Press 8. to use indexOf function.");

System.out.println("Press 9. to use length function.");

System.out.println("Press 10. to use substring function.");

System.out.println("Press 11. to use toCharArray function.");

System.out.println("Press 12. to use toLowerCase function.");

System.out.println("Press 13. to use toUpperCase function.");

System.out.println("Press 14. to use trim function.");

System.out.println("Press anything else to exit.");

System.out.println("Enter choice:.");

int ch=s.nextInt();

switch(ch)

{

case 1:System.out.println("Enter an index to check for equivalent Character:");

int a1=s.nextInt();

System.out.println("Value at entered index is:"+value.charAt(a1));

break;

case 2:System.out.println("Enter a string to use compareTo:");

String a2=s.nextLine();

int b1=value.compareTo(a2);

System.out.println("After comparing returned value is:"+b1);

break;

case 3:System.out.println("Enter a string to concat with original String:");

String a3=s.nextLine();

System.out.println("New concatinated String is:"+value.concat(a3));

break;

case 4: System.out.println("Enter any sequence of characters to implement contains function:");

String a4=s.nextLine();

System.out.println("Output of contains to entered charcters is:"+value.contains(a4));

break;

case 5:System.out.println("Enter a string to check with original String:");

String a5=s.nextLine();

System.out.println("After comparing returned value is:"+value.equals(a5));

break;

case 6:System.out.println("Enter a string to check with original String:");

String a6=s.nextLine();

System.out.println("After comparing returned value is:"+value.equalsIgnoreCase(a6));

break;

case 7:System.out.println("Hash Code of original string is:"+value.hashCode());

break;

case 8: System.out.println("Enter any sequence of characters to implement contains function:");

String a7=s.nextLine();

System.out.println("Index of the entered substring is:"+value.indexOf(a7));

break;

case 9:System.out.println("Length of original string is:"+value.length());

break;

case 10:System.out.println("Enter an index to form a new substring:");

int a8=s.nextInt();

System.out.println("Value at entered index is:"+value.substring(a8));

break;

case 11:System.out.println("Character array of original string is:"+value.toCharArray());

break;

case 12:System.out.println("Lower case of original string is:"+value.toLowerCase());

break;

case 13:System.out.println("Upper case of original string is:"+value.toUpperCase());

break;

case 14:System.out.println("Output after trimming the original string is:"+value.trim());

break;

default:System.out.println("Exitting.................");

System.exit(0);

}

}

public static void main(String[] args) {

System.out.println("Implementing String and String Builder Functions.....................");

System.out.println("Press 1. to use a String using String Class.");

System.out.println("Press 2. to use a String using String Builder Class.");

System.out.println("Press anything else to exit.");

System.out.println("Enter Choice:");

Scanner s=new Scanner(System.in);

int ch=s.nextInt();

switch(ch)

{

case 1:using\_string();

break;

case 2:using\_string\_builder();

break;

default:System.out.println("Exitting.................");

System.exit(0);

}

System.out.println("Implemented String and String Builder Functions.....................");

}

}