revstr.java

Saved

```
public class Example
{
   public void reverseWordInMyString(String str)
   {
  /* The split() method of String class splits
   * a string in several strings based on the
   * delimiter passed as an argument to it
   */
  String[] words = str.split(" ");
  String reversedString = "";
  for (int i = 0; i < words.length; i++)
        {
           String word = words[i];
           String reverseWord = "";
           for (int j = word.length()-1; j >= 0; j
    {
    /* The charAt() function returns the character
     * at the given position in a string
     */
    reverseWord = reverseWord + word.charAt(j);
     }
     reversedString = reversedString + reverseWord
  }
  System.out.println(str);
  System.out.println(reversedString);
   }
   public static void main(String[] args)
   {
  Example obj = new Example();
  obj.reverseWordInMyString("Hello How Are you, Ho
  obj.reverseWordInMyString("This code is contribu
}
}
```

Terminal

```
Hello How Are you, Hope All well!
olleH woH erA ,uoy epoH llA !llew
This code is contributed by likith
sihT edoc si detubirtnoc yb htikil

Process finished
```

```
import java.util.ArrayList;
import java.util.List;

public class PrinitProblem {

public static void main(String[] args) {
// TODO Auto-generated method stub
print(11);
}

public static void print(int n ){
List<String> list = null;
if(n <=0){
System.out.println("Please provide a valid numbe
return;
}else{
list = new ArrayList<String>();
list.add("1"); //intialize
}
for(int i = 0; i < n; i++){
String newInt = counter(list.get(i));
list.add(newInt);
}
System.out.println(list);
}

private static String counter(String integer) {
if(integer == null){
return null;
}
String str = integer.toString();
String lastValue=null;
int counter = 1;
String newstr = "";
for(int i = 0; i < str.length(); i ++){
lastValue = str.substring(i,i+1);
if(i+1 < str.length()){
String nextValue = str.substring(i+1,i+2);
if(lastValue.equalsIgnoreCase(nextValue)){
counter++;
else{
newstr = newstr + counter+""+lastValue;
ounter = 1;
```

```
}
else{
newstr = newstr+"" + counter+""+lastValue;
}
}
return newstr;
}

}
```