



Reverse String coding problems



ReverseString.java

```
public class ReverseString {  
    public static void main(String... reverseString){  
        String str = "ProgrammingKT";  
        System.out.println(str);  
        char[] charArray = str.toCharArray();  
        int startIndex = 0;  
        int endIndex = str.length()-1;  
        while(startIndex < endIndex) {  
            char tempChar = charArray[startIndex];  
            charArray[startIndex++] = charArray[endIndex];  
            charArray[endIndex--] = tempChar;  
        }  
        System.out.println(new String(charArray));  
    }  
}
```

//Output : rpgoarmmnig



ReverseStringByFrequency.java

```
public class ReverseStringByFrequency {
    public static void main(String... reverseStringByFrequency) {
        String str="programming";
        int fc = 2;
        char[] charArray = str.toCharArray();
        for(int i=0;i<str.length();i=i+fc) {
            int startIndex = i;
            int endIndex = Math.min((i+fc)-1, str.length()-1);
            while(startIndex < endIndex) {
                char tempChar = charArray[startIndex];
                charArray[startIndex++] = charArray[endIndex];
                charArray[endIndex--] = tempChar;
            }
        }
        System.out.println(new String(charArray));
    }
}
```

//Output : rpgoarmmnig



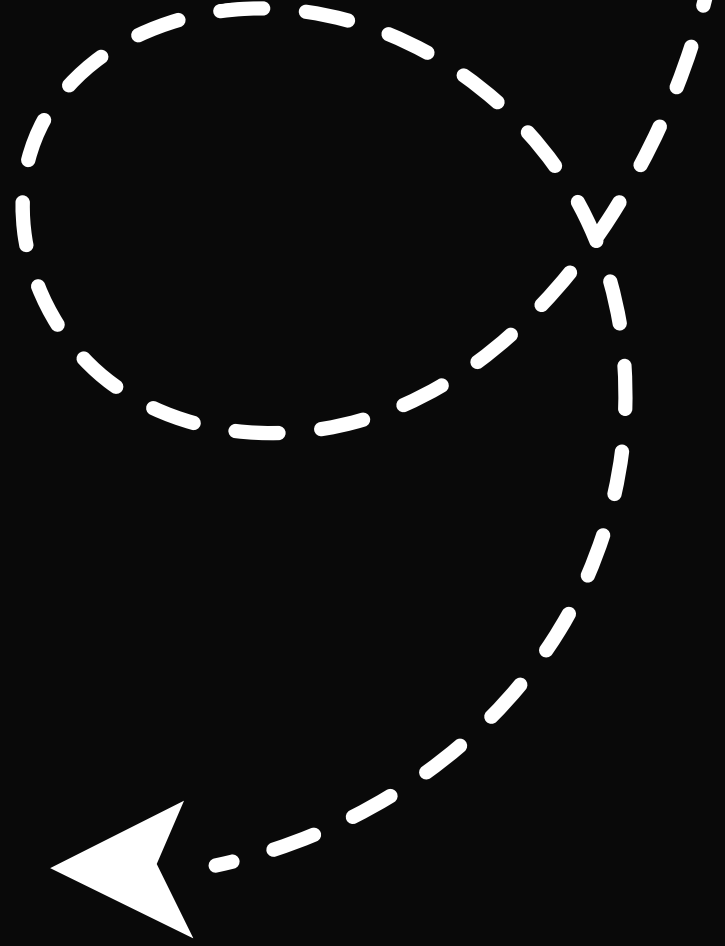
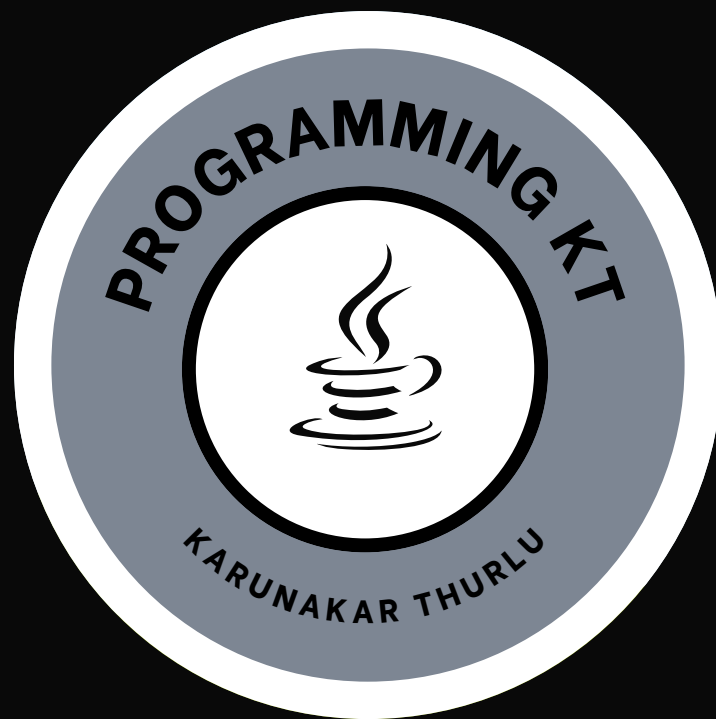
ReverseWords.java

```
public class ReverseWords {

    public static void main(String... reverseWords) {
        String str="Java is awesome programming language";
        String[] strArray = str.split(" ");
        StringBuilder sb = new StringBuilder();

        for(String s:strArray) {
            char[] charArray = s.toCharArray();
            int startIndex=0;
            int endIndex = s.length()-1;
            while(startIndex < endIndex) {
                char tempChar= charArray[startIndex];
                charArray[startIndex++] =charArray[endIndex];
                charArray[endIndex --] = tempChar;
            }
            sb.append(new String(charArray)+" ");
        }
        System.out.println(sb);
    }
}

//Output : avaJ si emosewa gnimmargorp egaugnaL
```



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