

Butterflied Strings

THE CHALLENGE

Join a string with its reversal.

More Details

To butterfly the string "Wolfram", take its reversal "marfloW" and join them to form "WolframmarfloW".

What Your Function Should Do

Write a function `ButterflyString` that takes a string input and returns the input joined with its reversal.

```
ButterflyString["Wolfram"]
```

```
Out[1]= WolframmarfloW
```

```
ButterflyString["butterfly"]
```

```
Out[2]= butterflyylfrettub
```

```
ButterflyString["race"]
```

```
Out[3]= raceecar
```

```
ButterflyString["Hello world!"]
```

```
Out[4]= Hello world!!dlrow olleH
```

Things You May Find Useful

String Operations

SCRATCH AREA

```
StringJoin["dun", StringReverse["dun"]]
```

```
Out[5]= dunnud
```

ENTER YOUR CODE HERE

```
In[ ]:= ButterflyString[str_String] :=  
StringJoin[str, StringReverse[str]]
```

Submit