

# Merging Lists

Created using Maple 14.01

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```
> restart;
with(StringTools) :
FormatTime("%m-%d-%Y, %H:%M");
"08-30-2013, 12:14" (1)
```

Suppose we have two lists, such as:

```
> listA := [A, B, C, D, E];
listB := [1, 2, 3];
listA := [A, B, C, D, E]
listB := [1, 2, 3] (2)
```

Now we want to merge *listA* and *listB* into a single list. Note that the *op()* function can be used to strip a list of its square brackets.

```
> op(listA);
op(listB);
A, B, C, D, E
1, 2, 3 (3)
```

So now to merge the two lists we can do the following:

```
> listC := [op(listA), op(listB)];
listD := [op(listB), op(listA)];
listC := [A, B, C, D, E, 1, 2, 3]
listD := [1, 2, 3, A, B, C, D, E] (4)
```

```
>
```