

# May Games: Week 3

## Practice Assignment: Order Shipment Notification Email

### Assignment Brief:

Our client, a fulfillment company like Australian Post, wants to notify customers that their orders have been shipped. The goal is to provide customers with detailed information about their order, including product details, purchase date, expected delivery date, and shipping address.

### Requirements:

- Create an AMPscript code snippet to generate personalized order shipment notification emails.
- “Purchase Date” and “Estimated Delivery Date” are in date data types
- <X> days refers to remaining days to estimated delivery date
- All dates displayed in the email should be in this format “Jan 17, 2024”
- The address should be in this format “123 Main St, Sydney, 2000, NSW, Australia”

### Sample Data:

First Name	Product Name	Quantity	Purchase Date	Estimated Delivery Date	Street Name	City	Postcode	State	Country
John	Laptop	1	2024-05-15	2024-05-27	123 Main St	Sydney	2000	NSW	Australia
Sarah	Headphones	2	2024-05-18	2024-05-25	456 Park Ave	Melbourne	3000	VIC	Australia
Mike	Smartphone	1	2024-05-10	2024-05-30	789 Elm St	Brisbane	4000	QLD	Australia
Emma	Tablet	1	2024-05-15	2024-12-31	101 Oak St	Perth	6000	WA	Australia
Chloe	Camera	1	2024-05-06	2024-09-27	234 Pine St	Adelaide	5000	SA	Australia
Alex	Smartwatch	1	2024-05-17	2024-07-25	345 Cedar St	Hobart	7000	TAS	Australia
Olivia	Speaker	1	2024-05-09	2024-03-22	456 Birch St	Darwin	0800	NT	Australia

*Code Snippet:*

*Hint: Code in ampscript.io and then copy and paste into below.*

```
%%[

/* RETRIEVE FIELDS */
SET @firstName = [First Name]
SET @quantity = [Quantity]
SET @product = [Product Name]
SET @purchaseDate = [Purchase Date]
SET @etaDate = [Estimated Delivery Date]
SET @streetName = [Street Name]
SET @city = [City]
SET @postcode = [Postcode]
SET @state = [State]
SET @country = [Country]

/* FIRST NAME CLEANING LOGIC */
SET @firstNameTrim = Trim(@firstName)
SET @finalName = Propercase(@firstNameTrim)

/* PRODUCT NAME - LOWERCASE */
SET @productName = Lowercase(@product)

/* DATE REFORMAT */
SET @purchaseDateFormat = FormatDate(@purchaseDate, "MMM dd, YYYY")
SET @etaDateFormat = FormatDate(@etaDate, "MMM dd, YYYY")

/* REMAINING DAYS CALCULATION */
SET @systemDate = Now(1)
SET @localDate = SystemDateToLocalDate(@systemDate)

SET @remainingDays = DATEDIFF(@localDate, @etaDate, "D")


/* FULL ADDRESS LOGIC */
SET @fullAddress = CONCAT(@streetName, ", ", @city, ", ", @postcode, ", ", @state, ", ",
@country)

]%%
```

*Input the variables into the template below.*

*Template:*

```
Hi %%=v(@finalName)=%%!

 Your order of %%=v(@quantity)=%%x %%=v(@productName)=%%, purchased on
%%=v(@purchaseDateFormat)=%% has been shipped.

It is estimated to be delivered in %%=v(@remainingDays)=%% days by
%%=v(@etaDateFormat)=%% to the following address: %%=v(@fullAddress)=%%.
```