#Starter - Functions

These tasks are designed to refresh the reading and research you have undertaken at home prior to this lesson. If you have not completed the R&R assignment then please speak to your teacher before attempting these exercises.

##Structure tables and heirarchy charts

###Task 1

Arrange these sub-problems into the structure table outline provided.

|Sub-problems|Structure table|

|------------|---------------|

|`INPUT number of hours worked, pay rate`|0 INPUT number of hours worked, pay rate|

|`CALCULATE basic pay`|0.1 CALCULATE pay|

|`CALCULATE pay`|0.2 CALCULATE total pay|

|`CALCULATE overtime pay`|0.2.1 CALCULATE overtime pay|

|`DISPLAY total pay`|0.2.2 CALCULATE basic pay|

|`CALCULATE total pay`|0.3 DISPLAY total pay|

###Task 2

Complete this hierarchy chart for the above structure chart.

![](https://www.dropbox.com/s/0er7metqgijh2ri/structure\_chart\_plan.jpg?dl=1)

![](https://www.dropbox.com/s/30vtwe5v2luoaju/Starter%20-%20Functions%20task%202.jpg?dl=1)

###Task 3

What would a program do that was developed from the above structure table and hierarchy chart?

\*\*Answer: The program would ask you how many hours you work for and then your pay rate. Then it will calculate your pay then display it on the screen\*\*

###Task 4

Write the program to calculate total pay using the above plan as your guide.