

Functions using Pseudocode

Subprograms have advantages:

- ▣ Can be reused in other programs
- ▣ Make program more readable
- ▣ Easier to debug a small section
- ▣ Task can be divided amongst programmers

Subprograms in pseudo code can be
FUNCTIONS or **PROCEDURES**

Both are the equivalent of a Python function

Functions using Pseudocode

```
FUNCTION to2DP (aNumber)
BEGIN FUNCTION
    SET rounded TO (aNumber *100) \1
    SET rounded TO rounded / 100
    RETURN rounded
END FUNCTION
```

To call the function:
to2DP (rainfall)

Functions **always** return a value to the main program in pseudocode

Functions using Pseudocode

```
PROCEDURE to2DP (aNumber)
BEGIN PROCEDURE
    SET rounded TO (aNumber *100) \1
    SET rounded TO rounded / 100
    SEND rounded TO DISPLAY
END PROCEDURE
```

To call the procedure:
to2DP (rainfall)

Procedures do
not return a
value