How to create your own type definitions and reuse them

You can create a simple or complex type definition that can be consistently and easily reused with other variables without having to copy and paste the contents of the original one.

This is done using the TYPEDEF clause in the data description.

Here's an example of a record that holds a time structure to be reused with many time-type variables. You can create the type definition in the working-storage like this:

```
o1 td-time typedef. 05 ws-hrs pic 99. 05 filler pic x value ":". 05 ws-mins pic 99. 05 filler pic x value ":". 05 ws-secs pic 99.
```

You would define the actual variables based on that definition, like this:

```
on init-time usage td-time. On end-time usage td-time. On first-time usage td-time.
```

This way a variable will contain the 3 children fields: ws-hrs, ws-mins and ws-secs every time.

You can then use them in the procedure division, as the following snippet demonstrates:

```
move 13 to ws-hrs of init-time move 20 to ws-mins of init-time move 40 to ws-secs of init-time move init-time to end-time add 5 to ws-hrs of end-time add 3 to ws-mins of end-time move end-time to first-time add 4 to ws-mins of first-time add 6 to ws-secs of first-time display "Init time: " init-time x"0d0a" "First time: " first-time x"0d0a"
```

That would display the following on the console:

```
Init time: 13:20:40 End time: 18:23:40 First time: 18:27:46
```

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