

IT instruction means if-then and is used to check condition after IT specified and execute the instructions following it based on the condition.

ITTE instruction means IF-THEN-ELSE and was introduced in the Thumb-2 instruction set. It is used for handling small sequence of conditional code, up to 4 instructions. And also these four instructions must have specified its conditional part of their syntax, making them conditional instructions. These conditions can be logically same or inverse.

In the erroneous code:

```
ITTTE LT
```

```
MOV R3
```

Here the instruction following IT is not conditional compared to

```
ITTTE LT
```

```
ADDLT
```

```
MOVLT
```

```
MOVLT
```

```
SUBGE
```

where all the instructions after IT are conditional in execution.

This is the reason we got errors in above mentioned code