

```

    Pay=Pay+(t-40)*0.5*h;
end
fprintf('The worker's pay is  $ %5.2f',Pay)

```

Application of the program (in the Command Window) for two cases is shown below (the file was saved as Workerpay):

```

>> Workerpay
Please enter the number of hours worked  35
Please enter the hourly wage in $  8
The worker's pay is  $ 280.00
>> Workerpay
Please enter the number of hours worked  50
Please enter the hourly wage in $  10
The worker's pay is  $ 550.00

```

### 6.2.2 The if-else-end Structure

The if-else-end structure provides a means for choosing one group of commands, out of a possible two groups, for execution. The if-else-end structure is shown in Figure 6-2. The figure shows how the commands are typed in the program, and includes a flowchart that illustrates the flow, or the sequence,

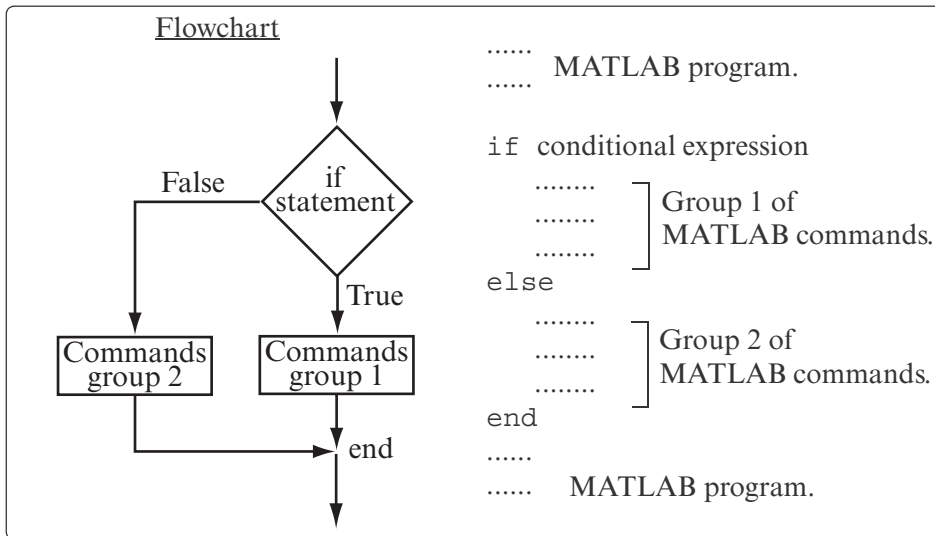


Figure 6-2: The structure of the if-else-end conditional statement.