

if..elif..else statement:**Syntax:-**

```
if ( Test Cond 1):  
    —Block of Stmts-I  
elif( Test Cond 2):  
    —Block of Stmts-II  
elif(Test Cond 3):  
    —Block of stmt-III  
elif ( Test Cond-n):  
    —Block of stmts-n  
else:  
    —Else Block of stmts  
Other stmts in Program
```

Explanation:

=>if the Test Cond-1 is True then PVM executes Block of stmts-1 and other stmts.
=>if the Test Cond-1 is False and if Test cond-2 is True then PVM executes Block of stmts-II and other stmts.
=>This Process will be repeated until all test conditions evaluated and all the test conditions are false PVM executes else block of stmts and other stmts in Program.
=>Writing else block is Optional.