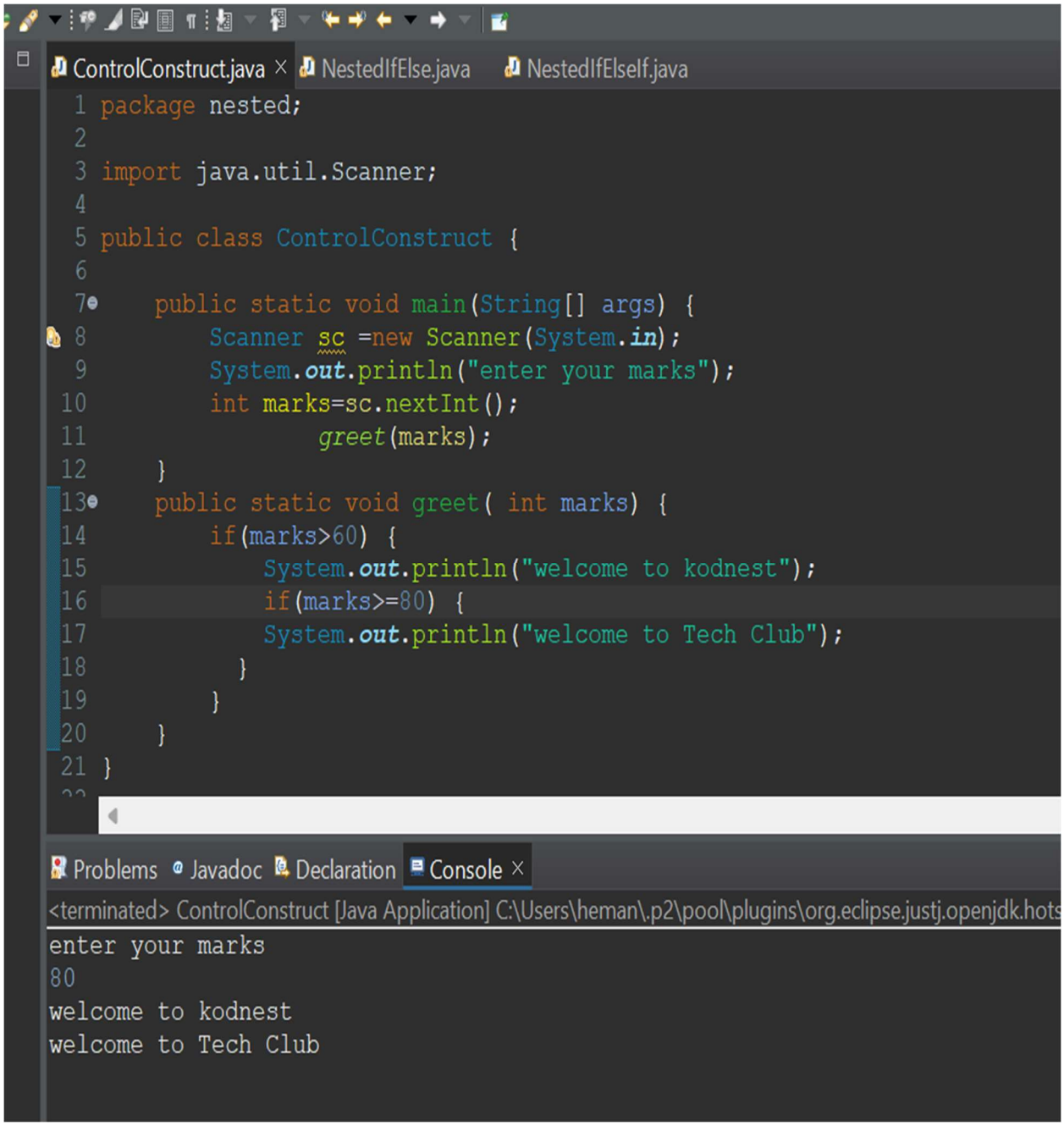
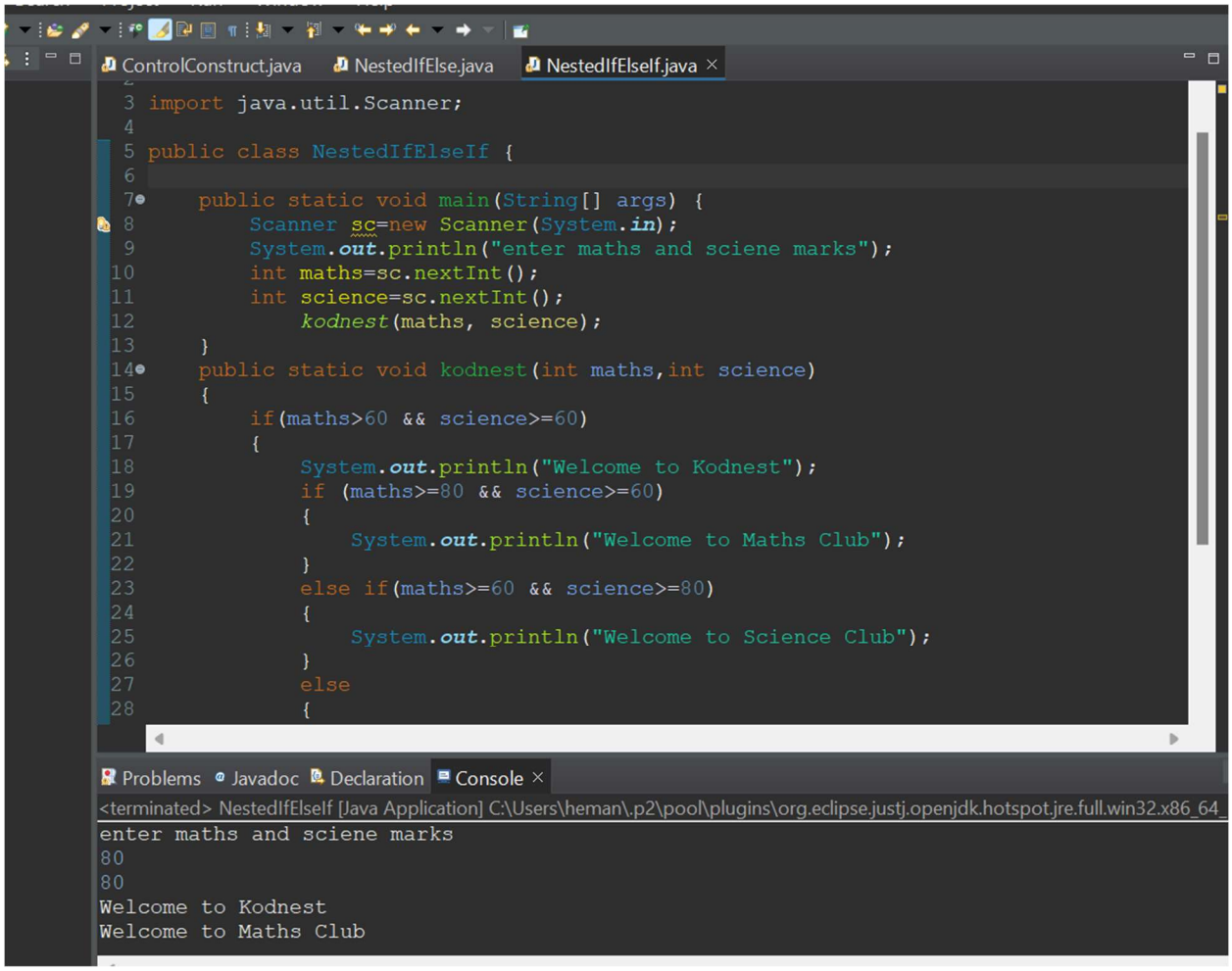
Nested Control Constructs

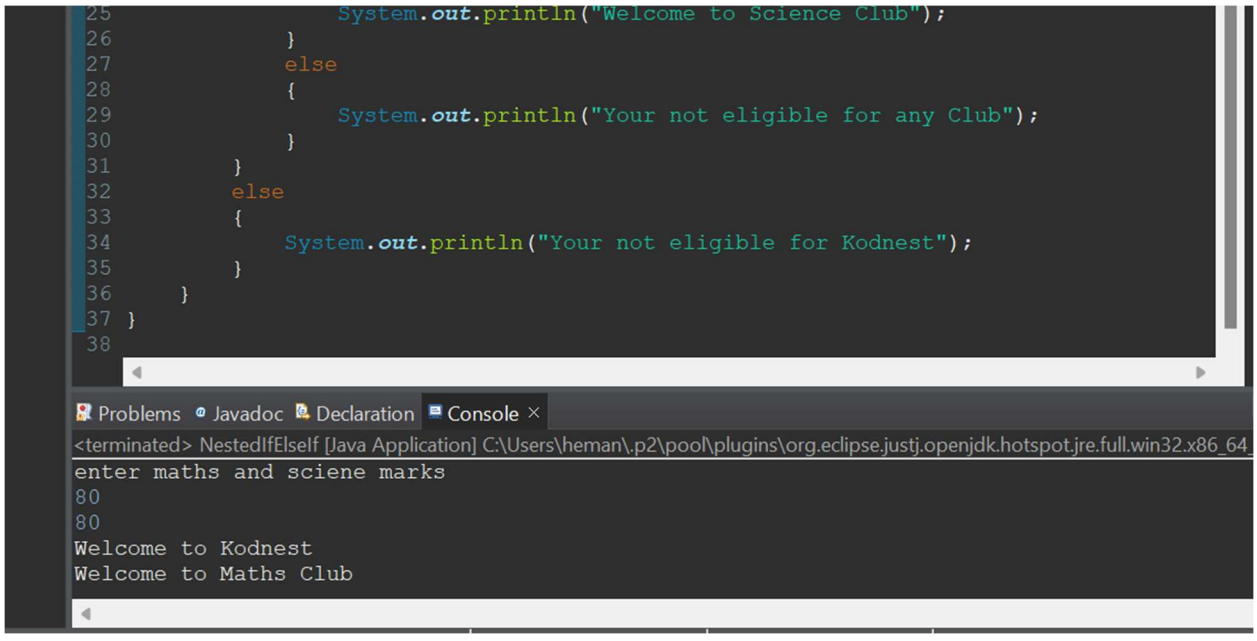
Nested if:



Nested if else:

Nested if else ladder:





Difference between Switch and if-else ladder

Switch	If else ladder
The expression used in switch statement can return an integer or character.	The expression used in if-else-if ladder statement returns true or false value.
In case of switch case, as per the value of the switch, the control jumps to the corresponding case.	In else if ladder, the control goes through every else if statement until it finds the true value of the statement or it comes to the end of the else if ladder.
Integer is the only variable data type that can be in expression of switch.	Either integer or character is the variable data type used in the expression of else if ladder.
Switch case is used when there is only one condition and multiple values of the same are to be tested	Either integer or character is the variable data type used in the expression of else if ladder.
Switch case statement work on the basis of equality operator.	Else if ladder statement works on the basis of true false (zero/non-zero) basis.