G. H. RAISONI COLLEGE OF ENGG., NAGPUR
(An Autonomous Institute under UGC Act 1956)
Department of Artificial Intelligence

Date: 29/01/2021

Practical Subject: Statistics and Probability using R
Session: 2020-21

Student Details:

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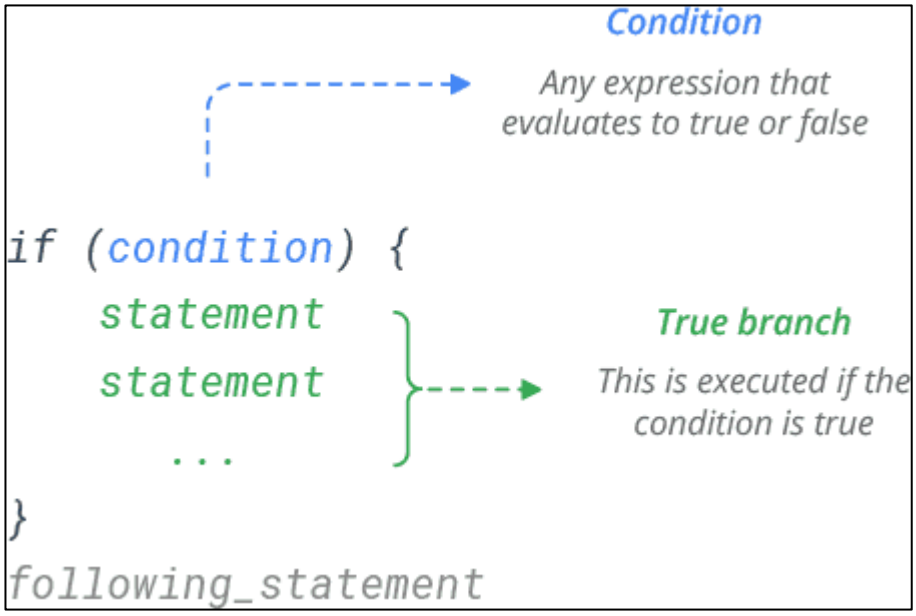
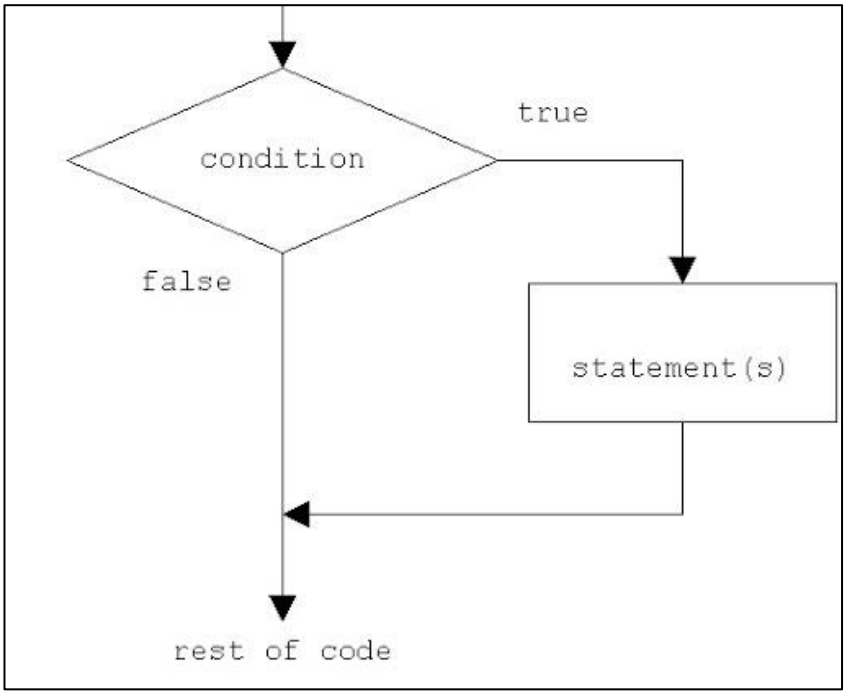
Semester	4
Section	A
Branch	Artificial Intelligence

Practical Details: Practical Number- 1

Practical Aim	Write a programing in R for implementing decision statements.
Theory & Algorithm	**Decision Statements:** ***Theory:*** Decision making structures require the programmer to specify one or more conditions to be evaluated or tested by the program, along with a statement or statements to be executed if the condition is determined to be true, and optionally, other statements to be executed if the condition is determined to be false. **if statement:** An if statement consists of a Boolean expression followed by one or more statements. **if...else statement:** An if statement can be followed by an optional else statement, which executes when the Boolean expression is false.

	Algorithm: Step 1: START Step 2: Input number Step 3: if number>0 then print positive else negative Step 4: STOP ***Syntax:*** 
Flowchart	

Program	
Output