Session 2 Task Solution

# Code Coverage Questions:

***Q1:*** Mention the number of test cases and also the required values for the

Statement Coverage 🡺 Statement Coverage: Min number of TCs is 2 🡺 FTFT, FFFF

Condition Coverage 🡺 Condition Coverage: Min number of TCs is 2 🡺 FTFT, FFFF

Decision Coverage 🡺 Decision Coverage: Min number of TCs is 2 🡺 FTFT, FFFF

MCDC Coverage 🡺 MCDC Coverage: Min number of TCs is 5 🡺 TFTF, TFFT, FTTF, FTFT, FTFF

If ((A || B) && (C || D))

{

X= 5;

Print B;

}

Else

Print (A);

***Q2:*** Mention number of test cases of MCDC for the following and also which test cases shall be used ?

If ( (A && ! B) || (C ^ D) ) == If ( (A and not B) or (C xor D))

🡺 MCDC Coverage: Min number of TCs is 5 🡺 FFFF, TTFF, TTFT, TTTF, FTTF