White box Test case coverage for the below code ;

Public void function(int a, int b)

int c=a+b;

if(c>0){

System.out.println(“Positive value”);

}

else if(c==0){

System.out.println(“Positive value”);

}

else if(c<0){

System.out.println(“Positive value”);

}

1. Verifying each logic functionalities with different set of data
2. Verifying all the statements in the code is executed at least once to avoid having more non working scripts and dead code,
3. Verify all the decision looping is executed at least once
4. Verify all the condition block is executed at least once
5. Verify unused import, variables are being declared.
6. Verify sysout statement has been removed

Performance Testing test cases :

1. Verify the response time and response throughput above average of expected outcome.(Response time benchmark should be set by client or Product owners)
2. Verify response time and response throughput when breaching the limit of threads.
3. Verify response time and response throughput when acceptable number of request is provided
4. Verify response time and response throughput when lesser number of request provided than the breachable limit