Example of White Box testing:

Example:

1.Prints(int a,int b)

{

2.Int c=a+b;

3.If(c>0)

4.Print(“positive”,result)

Else

5.Print(“negative”,result)

}

1.Data flow:

Path =1,2,3,4,5

2.Control Flow:

1

C=a+b

No yes

Negative

positive

c>0

3.statement coverage:

SC=3/5\*100

=60

4.Decision Coverage:Only True is exercised

DC=4/5\*100

=80

5.Branch Coverage:Negative part i.e.A1,B2,C34,D

A

a,b

1

C=a+b

B

2 No yes

Negative

positive

c>0

c

3

4

D