N

N

N

N

N

Y

Y

Y

Y

Y

Y

Y

N

CC = 23 – 17 + 2 = 8

White Box Testing

|  |  |  |  |
| --- | --- | --- | --- |
| Test | Input | Expected | Actual |
| 1 | Female 36 | 3.5 | 2.5 |
| 2 | Female 15 | 0 | 0 |
| 3 | Female 25 | 5 | 5 |
| 4 | Female 60 | 0.15 | 0.15 |
| 5 | Male 37 | 5 | 5 |
| 6 | Male 17 | 0 | 0 |
| 7 | Male 30 | 6 | 6 |
| 8 | Male 60 | 0.15 | 0.15 |

Black Box Testing

|  |  |  |  |
| --- | --- | --- | --- |
| Variable | E.C. | Rep Value | Boundary Value |
| Gender | “Male” | “Male” |  |
|  | “Female” | “Female” |  |
|  | “Other” | “Male 22” |  |
| Age | >17 | 10 | -1,0,1, 16,17,18 |
|  | 18-30 | 25 | 17,18,19 29,30,31 |
|  | 31-35 | 33 | 30,31,32 34,35,36 |
|  | 36-49 | 38 | 35,36,37 48,49,50 |
|  | >50 | 60 | 49,50,51 |