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| CAJA BLANCA LOGIN |
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| Erick Santiago Rodríguez  9-11-2023 |

Texto

Descripción generada automáticamente

ENUMERACION LINEAS DE CODIGO

Texto

Descripción generada automáticamente



PASO 2

Realizar Grafos de Flujo de Control.

11

10

9

8

7

6

5 ciclomática

4

3 ciclomática

2 Definir la complejidad ciclomática

1 Definir la complejidad ciclomática

18

17

12

16

15

13

14

PASO 3

Definir la complejidad ciclomática

V(G)= # ARISTAS - # NODOS + 2

V(G) = # 18-15+2=5

CAMINOS LINEAL INDEPENDIENTES

Camino 1 = 1-2-F

Camino 2 = 1-3-4-F

Camino 3 = 1-3-5-6-F

Camino 4 = 1-3-5-7-8-F

Camino 5 = 1-3-5-7-9-10-11-12-13-14-F

Paso 4

casos de Prueba

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  | Aristas |  |  |  |  |  |  |  |  |  |  |  |
| Caminos | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | Casos de prueba |
| 1 = 1-2-F | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Contraseña y usuario correctos |
| 2 = 1-3-4-F | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Contraseña y usuario incorrecto |
| 3 = 1-3-5-6-F | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Contraseña incorrecta |
| 4 = 1-3-5-7-8-F | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Usuario incorrecto |
| 5 = 1-3-5-7-9-10-11-12-13-14-F | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | Usuario correcto Contraseña incorrecta |