|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Rules | | **R1** | **R2** | **R3** | **R4** | **R5** | **R6** | **R7** | **R8** | **R9** | **R10** | **R11** | **R12** |
| Conditions | Female | **T** | **T** | **T** | **T** | **T** | **T** | **F** | **F** | **F** | **F** | **F** | **F** |
| Male | **F** | **F** | **F** | **F** | **F** | **F** | **T** | **T** | **T** | **T** | **T** | **T** |
| Dwellers | **T** | **T** | **T** | **F** | **F** | **F** | **T** | **T** | **T** | **F** | **F** | **F** |
| Non-Dwellers | **F** | **F** | **F** | **T** | **T** | **T** | **F** | **F** | **F** | **T** | **T** | **T** |
| <35 | **T** | **F** | **F** | **T** | **F** | **F** | **T** | **F** | **F** | **T** | **F** | **F** |
| 35-65 | **F** | **T** | **F** | **F** | **T** | **F** | **F** | **T** | **F** | **F** | **T** | **F** |
| >65 | **F** | **F** | **T** | **F** | **F** | **T** | **F** | **F** | **T** | **F** | **F** | **T** |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| Actions | Product X | **T** | **T** |  | **T** | **T** |  | **T** | **T** | **T** | **T** | **T** | **T** |
| Product Y | **T** | **T** | **T** |  |  |  |  |  |  |  |  |  |
| Product Z |  |  |  |  |  |  |  |  |  |  | **T** |  |
| Product W | **T** |  |  | **T** |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |

Client\_product cp=new Client product(“Female”,” City\_Dwellers”, 34);

assertEquals(“"W X and Y",cp. assignProduct());