**Server rooms requirements**

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| --- | --- | --- | --- |
| Nombre o identificador | Show available rooms | | |
| Resumen | Show a list of the available rooms of each corridor, saying if the room is in window or not, the column and the rent cost. | | |
| Entradas | Nombre entrada | Tipo de dato | Condición de selección o repetición |
| N/A | N/A | N/A |
| Actividades generales necesarias para obtener los resultados | 1. Walk each corridor and each room searching and concatenating the information of available rooms in a message variable. 2. Print the message in the main. | | |
| Resultado o postcondición | The message was printed. | | |
| Salidas | Nombre salida | Tipo de dato | Condición de selección o repetición |
| message | String | N/A |

|  |  |  |  |
| --- | --- | --- | --- |
| Nombre o identificador | Rent room | | |
| Resumen | Show a list of the available rooms of each corridor, saying if the room is in window or not, the column and the rent cost. | | |
| Entradas | Nombre entrada | Tipo de dato | Condición de selección o repetición |
| renterType | int | N/A |
| rentDate | Date | N/A |
| ServersNum | int | N/A |
| companyName | String | The renter is a company |
| companyNit | String | The renter is a company |
| projectNum | String | The renter is an investigation project |
| Actividades generales necesarias para obtener los resultados | 1. The parameters are readed. 2. According to the renter type the renter is added. 3. To the selected room is added the servers num. 4. The final rent cost is calculated. 5. Is printed the final cost. | | |
| Resultado o postcondición | The room is not available. | | |
| Salidas | Nombre salida | Tipo de dato | Condición de selección o repetición |
| finalRentCost | double | N/A |

|  |  |  |  |
| --- | --- | --- | --- |
| Nombre o identificador | Cancel rent room | | |
| Resumen | Show a list of the available rooms of each corridor, saying if the room is in window or not, the column and the rent cost. | | |
| Entradas | Nombre entrada | Tipo de dato | Condición de selección o repetición |
| renterType | int | N/A |
| rentDate | Date | N/A |
| ServersNum | int | N/A |
| companyName | String | The renter is a company |
| companyNit | String | The renter is a company |
| projectNum | String | The renter is an investigation project |
| Actividades generales necesarias para obtener los resultados | 1. The parameters are readed. 2. According to the renter type the renter is added. 3. To the selected room is added the servers num. 4. The final rent cost is calculated. 5. Is printed the final cost. | | |
| Resultado o postcondición | The room is not available. | | |
| Salidas | Nombre salida | Tipo de dato | Condición de selección o repetición |
| finalRentCost | double | N/A |