**Plan de pruebas – Lenguaje Dart**

**Proyecto:** *Rangos*

**Componentes**

* Void main()
* Range builder(String value)
* Entrada: String value.
* Salida: Rango.
* Class Range()
* Range(int, int)
* Entrada: int, int.
* Salida: Rango de tipo int.
* bool contains(List<int>)
* Entrada: List<int>.
* Salida: Boolean.
* bool notContains(List<int>)
* Entrada: List<int>.
* Salida: Boolean.
* List<int> allPoints()
* Entrada: none.
* Salida: List<int>.
* bool containsRange(Range)
* Entrada: Range.
* Salida: Boolean.
* bool notContainsRange(Range)
* Entrada: Range.
* Salida: Boolean.
* List<int> endPoints()
* Entrada: none.
* Salida: List<int>.
* bool overLapsRange(Range)
* Entrada: Range.
* Salida: Boolean.
* bool equals(Range)
* Entrada: Range.
* Salida: Boolean.
* bool notEquals(Range)
* Entrada: Range.
* Salida: Boolean.

|  |  |  |  |
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| **Rango** | **Metodo** | **Entrada** | **Salida** |
| [2,6) | Builder | [2,6) | [2,5] |
| (2,5] | Builder | (2,5] | [3,5] |
| [2,10[ | Builder | [2,10[ | Null |
| (1,9} | Builder | (1,9} | Null |
|  |  |  |  |
| [2,6) | Contains | [2,3,4,5] | True |
| (2,5] | Contains | [3,4,5] | True |
| [2,10] | Contains | [1,2,3,4,5,6,7,8,9,10,11] | False |
| (1,9) | Contains | (1,2,3,4,5,6,7,8,9) | False |
|  |  |  |  |
| [2,6) | DoesNotContains | [2,3,4,5] | False |
| (2,5] | DoesNotContains | [3,4,5] | False |
| [2,10] | DoesNotContains | [1,2,3,4,5,6,7,8,9,10,11] | True |
| (1,9) | DoesNotContains | (1,2,3,4,5,6,7,8,9) | True |
|  |  |  |  |
| [2,6) | AllPoints |  | [2,3,4,5] |
| (2,5] | AllPoints |  | [3,4,5] |
| [2,10] | AllPoints |  | [2,3,4,5,6,7,8,9,10] |
| (1,9) | AllPoints |  | [2,3,4,5,6,7,8] |
|  |  |  |  |
| [2,6) | ContainsRange | [3,5) | True |
| (2,5] | ContainsRange | [3,5] | True |
| [2,10] | ContainsRange | [1,10) | False |
| (1,9) | ContainsRange | [2,10) | False |
|  |  |  |  |
| [2,6) | DoesNot ContainsRange | [3,5) | False |
| (2,5] | DoesNot ContainsRange | [3,5] | False |
| [2,10] | DoesNot ContainsRange | [1,10) | True |
| (1,9) | DoesNot ContainsRange | [2,10) | True |
|  |  |  |  |
| [2,6) | EndPoints |  | [2,5] |
| (2,5] | EndPoints |  | [3,6] |
| [2,10] | EndPoints |  | [2,10] |
| (1,9) | EndPoints |  | [2,8] |
|  |  |  |  |
| [2,6) | OverLapsRange | [3,5) | True |
| (2,5] | OverLapsRange | [3,5) | True |
| [2,10] | OverLapsRange | (11,15) | False |
| (1,9) | OverLapsRange | [-5,-2) | False |
|  |  |  |  |
| [2,6) | Equals | [2,6) | True |
| (2,5] | Equals | (2,5] | True |
| [2,10] | Equals | [2,15] | False |
| (1,9) | Equals | (1,10) | False |
|  |  |  |  |
| [2,6) | NotEquals | [2,6) | False |
| (2,5] | NotEquals | (2,5] | False |
| [2,10] | NotEquals | [2,15] | True |
| (1,9) | NotEquals | (1,10) | True |