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:Q1: Take a list, say for example this one
[a = [1, 1, 2, 3, 5, 8, 13, 21, 34, 55, 89]
and write a program that prints out all the elements of the list that are less than 5
A1: Dart List Remove Elements
} ()void main
[var a = [1, 1, 2, 3, 5, 8, 13, 21, 34, 55, 89]]
;(a.removeWhere((element) => element > 5
;(print(a
{
:Q2: Take two lists, for example
[a = [1, 1, 2, 3, 5, 8, 13, 21, 34, 55, 89]
[b = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13
and write a program that returns a list that contains only the elements that are common
between them (without duplicates). Make sure your program works on two lists of different
.sizes
A2: Dart Unique Elements
} ()void main
[var a = [1, 1, 2, 3, 5, 8, 13, 21, 34, 55, 89]]
[var b = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13]]
;()var listCommen = a.where((element) => b.contains(element)).toSet().toList
;(print(listCommen
:Q3: Let's say you are given a list saved in a variable
.[a = [1, 4, 9, 16, 25, 36, 49, 64, 81, 100
Write a Dart code that takes this list and makes a new list that has only the even elements of
.this list in it
A3: Dart Filter List
} ()void main
[var a = [1, 4, 9, 16, 25, 36, 49, 64, 81, 100]]
;()a = a.where((element) => element % 2 == 0).toList
;(print(a
{
```

Q4: Write a program that takes a list of numbers for example [a = [5, 10, 15, 20, 25] and makes a new list of only the first and last elements of the given list. For practice, write .this code inside a function

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A4: Dart List
} ()void main
[var a = [5, 10, 15, 20, 25]]
;(a.removeRange(1,4
;(print(a
OR
void main() {
 List<int> a = [5, 10, 15, 20, 25];
 List<int> result = getFirstAndLastElements(a);
 print(result);
}
List<int> getFirstAndLastElements(List<int> inputList) {
 if (inputList.length < 2) {</pre>
  throw Exception('Input list should have at least 2 elements.');
 }
 List<int> outputList = [inputList.first, inputList.last];
 return outputList;
}
```