

WHERE IN DART

Where Dart

You can use where in list, set, map to **filter specific items**. It returns a new list containing all the elements that satisfy the condition. This is also called **Where Filter** in dart. Let's see the syntax below:

Syntax

```
Iterable<E> where(  
  bool test(  
    E element  
  )  
)
```



Example 1: Filter Only Odd Number From List

In this example, you will get only odd numbers from a list.

```
void main() {  
  List<int> numbers = [2, 4, 6, 8, 10, 11, 12, 13, 14];  
  
  List<int> oddNumbers = numbers.where((number) =>  
    number.isOdd).toList();  
  print(oddNumbers);  
}
```



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Example 2: Filter Days Start With S

In this example, you will get only days that start with alphabet s.

```
void main() {
    List<String> days = [
        "Sunday",
        "Monday",
        "Tuesday",
        "Wednesday",
        "Thursday",
        "Friday",
        "Saturday"
    ];

    List<String> startWithS =
        days.where((element) => element.startsWith("S")).toList();

    print(startWithS);
}
```

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Example 3: Where Filter In Map

In this example, you will get students whose marks are greater or equal to 32.

```
void main() {
    Map<String, double> mathMarks = {
        "ram": 30,
        "mark": 32,
        "harry": 88,
        "raj": 69,
        "john": 15,
    };

    mathMarks.removeWhere((key, value) => value < 32);

    print(mathMarks);
}
```

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