- **Stack implementation Using Dart**

```
class demo {
  var stack = [1, 5, 8, 3, 9];

  void push(int a) {
    if (stack.length == 5) {
      print('stack is full');
    } else {
      stack.add(a);
      print('after insertion:$stack');
    }
  }

  void pop() {
    // check stack is empty or not
    if (stack.isEmpty) {
      print('stack is empty');
    } else {
      stack.removeAt(stack.length - 1);
      print('after deletion:$stack');
    }
  }
}

void main() {
  demo d = new demo();
// insert an element
  d.push(12);
  // remove an element
  d.pop();
}
```

- **Queue implementation Using Dart**

```
class demo {
  var queue = [1, 5, 8, 3, 9];

  void enqueue(int a) {
    if (queue.length == 5) {
      print('queue is full');
    } else {
      queue.add(a);
      print('after insertion:$queue');
    }
  }

  void dequeue() {
    // check queue is empty or not
    if (queue.isEmpty) {
      print('queue is empty');
    } else {
      queue.removeAt(0);
      print('after deletion:$queue');
    }
  }
}

void main() {
  demo d = new demo();

  // insert an element
  d.enqueue(12);

  // remove an element
  d.dequeue();
}
```

- **Bubble Sort implementation Using Dart**

```
class demo {
  void bubble_sort(var a) {
    int l = arr.length;
    for (int i = 0; i < l - 1; i++)
      for (int j = 0; j < l - i - 1; j++)
        if (arr[j] > arr[j + 1]) {
          int temp = arr[j];
          arr[j] = arr[j + 1];
          arr[j + 1] = temp;
        }
  }
}

var arr = [12, 85, 45, 69, 23, 10, 48];
main() {
  demo ob = new demo();
  ob.bubble_sort(arr);
  print('Sorted:$arr');
}

```