Question 1

```
void printFibonacci(int n) {
  std::queue<int> q; // initializing queue
  q.push(0); q.push(1); // pushing first two numbers
  for (int i = 1; i <= n; i++) { // looping till n inclusively
    int a = q.front(); // fetching first num
    q.pop(); // popping first num
    int b = q.front(); // fetching second num
    std::cout << a << " ";
    q.push(a + b); // pushing next num
  }
  std::cout << std::endl;
}
```

Question 2

```
int evalRPN(char tokens[], int n) {
  std::stack<int> st; // initialize stack
  for (int i = 0; i < n; i++) { // parsing tokens
    if (tokens[i] >= '0' && tokens[i] <= '9') { // if token is
numeric
      st.push(tokens[i] - '0');
    }
    else {
      int op2 = st.top();
      st.pop(); // popping the second operand
      int op1 = st.top();
      st.pop(); // popping the first operand

      // performing the operation and pushing result
      if (tokens[i] == '+')
        st.push(op1+op2);
      else if (tokens[i] == '-')
        st.push(op1-op2);
      else if (tokens[i] == '*')
        st.push(op1*op2);
      else if (tokens[i] == '/')
        st.push(op1/op2);
    }
  }
  return st.top(); // the top of stack is our final result
}
```