1. What is the process of creating a Min-Heap and Max-Heap in C++?
     With the following vector:
```
std::vector<int> values = {30, 10, 20, 50, 40};
```
     Produce the max and min-heaps.

   Sample Output:
     Max-Heap: 50 40 30 20 10
     Min-Heap: 10 20 30 40 50

2. How to insert and delete elements from a heap in C++?

3. What types of problems are commonly solved using Binary Search Trees (BST)?

4. How do you implement a B-tree in C++?

5. What are the steps to add elements to a B-tree in C++?
```
a. Start from the root.
b. If root is full, split it and grow the tree in height.
c. Recursively find the correct child.
d. If child is full, split it before going down.
e. Insert key into the correct non-full child.
```

6. Which techniques are used to remove elements from a B-tree in C++?