Experiment 14

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Sample code:
#include <stdio.h>
#include <stdlib.h>
struct Node {
  int data;
  struct Node* left;
  struct Node* right;
};
struct Node* createNode(int value) {
  struct Node* newNode = (struct Node*)malloc(sizeof(struct Node));
  newNode->data = value;
  newNode->left = newNode->right = NULL;
  return newNode;
}
void preorder(struct Node* root) {
  if (root == NULL) return;
  printf("%d ", root->data);
  preorder(root->left);
  preorder(root->right);
}
void inorder(struct Node* root) {
  if (root == NULL) return;
  inorder(root->left);
  printf("%d ", root->data);
  inorder(root->right);
}
void postorder(struct Node* root) {
  if (root == NULL) return;
```

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postorder(root->left);
  postorder(root->right);
  printf("%d ", root->data);
}
int main() {
  struct Node* root = createNode(1);
  root->left = createNode(2);
  root->right = createNode(3);
  root->left->left = createNode(4);
  root->left->right = createNode(5);
  printf("Preorder traversal: ");
  preorder(root);
  printf("\n");
  printf("Inorder traversal: ");
  inorder(root);
  printf("\n");
  printf("Postorder traversal: ");
  postorder(root);
  printf("\n");
  return 0;
}
```

