

```
#include <stdio.h>
```

```
#include <stdlib.h>
```

```
struct Node {  
    int data;  
    struct Node *left, *right;  
};
```

```
struct Node* insert(struct Node* root, int data) {  
    if (root == NULL) {  
        struct Node* newNode = (struct Node*)malloc(sizeof(struct Node));  
        newNode->data = data;  
        newNode->left = newNode->right = NULL;  
        return newNode;  
    }  
  
    if (data < root->data)  
        root->left = insert(root->left, data);  
    else if (data > root->data)  
        root->right = insert(root->right, data);  
  
    return root;  
}
```

```
int findMin(struct Node* root) {  
    if (root == NULL) {  
        printf("BST is empty\n");  
        return -1;  
    }  
  
    while (root->left != NULL)  
        root = root->left;  
  
    return root->data;  
}
```

```
int findMax(struct Node* root) {  
    if (root == NULL) {
```

```
    printf("BST is empty\n");  
    return -1;  
}
```

```
while (root->right != NULL)  
    root = root->right;
```

```
return root->data;  
}
```

```
int main() {  
    struct Node* root = NULL;  
    root = insert(root, 50);  
    insert(root, 30);  
    insert(root, 20);  
    insert(root, 40);  
    insert(root, 70);  
    insert(root, 60);  
    insert(root, 80);  
  
    printf("Minimum value in BST: %d\n", findMin(root));  
    printf("Maximum value in BST: %d\n", findMax(root));  
  
    return 0;  
}
```