

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

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

```
#include <string.h>
```

```
struct node {
```

```
    int id;
```

```
    char name[20];
```

```
    int time;
```

```
    struct node* right;
```

```
    struct node* left;
```

```
};
```

```
typedef struct node treenode;
```

```
treenode* root = NULL;
```

```
treenode* newnode(int id, char name[], int time) {
```

```
    treenode* temp = (treenode*)malloc(sizeof(treenode));
```

```
    temp->id = id;
```

```
    strcpy(temp->name, name);
```

```
    temp->time = time;
```

```
    temp->right = NULL;
```

```
    temp->left = NULL;
```

```
    return temp;
```

```
}
```

```
treenode* createbst(treenode* root, int id, char name[], int time) {
```

```
    if (root == NULL) {
```

```
        return newnode(id, name, time);
```

```

    } else if (id < root->id) {
        root->left = createbst(root->left, id, name, time);
    } else if (id > root->id) {
        root->right = createbst(root->right, id, name, time);
    } else {
        printf("Duplicate id not allowed\n");
    }
    return root;
}

void inorder(treenode* root) {
    if (root == NULL)
        return;
    inorder(root->left);
    printf("%d\t\t%s\t\t%d\n", root->id, root->name, root->time);
    inorder(root->right);
}

int main() {
    int i, n, id, time;
    char name[20];
    printf("Enter the number of employees: ");
    scanf("%d", &n);
    for (i = 0; i < n; i++) {
        printf("Enter employee id: ");
        scanf("%d", &id);
        printf("Enter employee name: ");
        scanf("%s", name);
        printf("Enter employee login time: ");
    }
}

```

```
        scanf("%d", &time);
        root = createbst(root, id, name, time);
    }
    printf("\nID\t\tName\t\tLogin Time\n");
    inorder(root);
    return 0;
}
```

Output:

Enter the number of employees: 2

Enter employee id: 6

Enter employee name: fgh

Enter employee login time: 7

Enter employee id: 5

Enter employee name: fgh

Enter employee login time: 7

ID	Name	Login Time
5	fgh	7
6	fgh	7