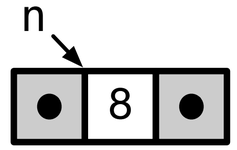
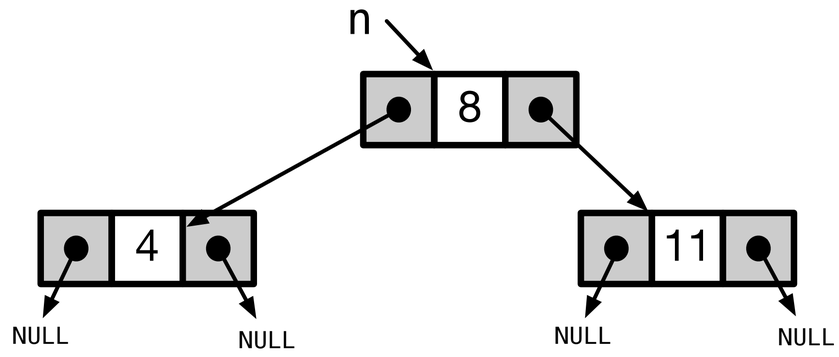
```
Node *insertRecursiveHelper(      , int value) {
  if (n == NULL) {
    return createNode(value);
  }

  if (value < n->data) {
    n->left = insertRecursiveHelper(n->left, value);
  } else {
    n->right = insertRecursiveHelper(n->right, value);
  }

  return n;
}
```




**7** **Returns pointer to node with 11, and assigns it to n->right**

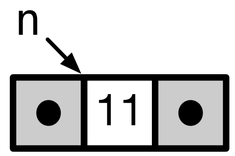
**1**

**6**

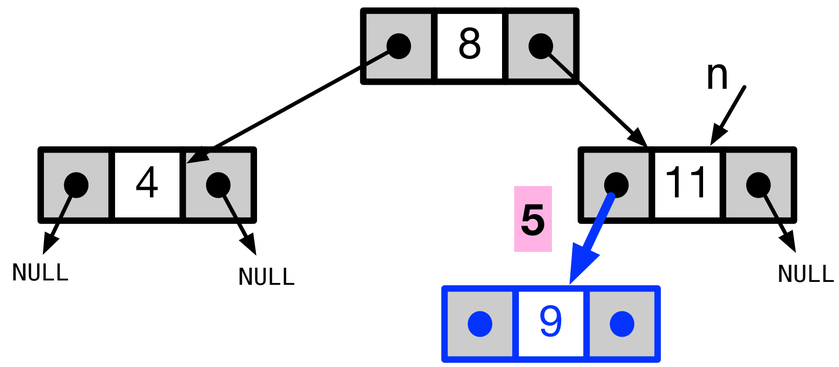
```
        Node *insertRecursiveHelper(      , int value) {
          if (n == NULL) {
            return createNode(value);
          }

          if (value < n->data) {
            n->left = insertRecursiveHelper(n->left, value);
          } else {
            n->right = insertRecursiveHelper(n->right, value);
          }

          return n;
        }
```




**Node gets inserted to left of parent**

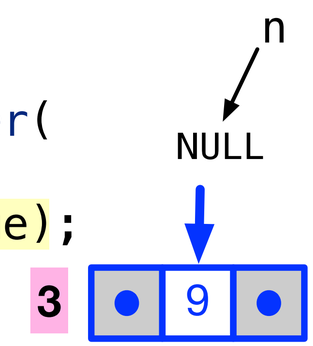

**2**

**4**

```
      Node *insertRecursiveHelper(      , int value) {
        if (n == NULL) {
          return createNode(value);
        }

        if (value < n->data) {
          n->left = insertRecursiveHelper(n->left, value);
        } else {
          n->right = insertRecursiveHelper(n->right, value);
        }

        return n;
      }
```




**return pointer to new node created**