

```
1  template<class K, class V>
```

```
2  _____ _insert(TreeNode *& root, const K & key) {
```

```
3
```

```
4
```

```
5
```

```
6
```

```
7
```

```
8
```

```
9
```

```
10
```

```
11
```

```
12
```

```
13
```

```
14
```

```
15
```

```
16
```

```
17
```

```
18
```

```
19
```

```
20
```

```
21
```

```
22
```

```
23
```

```
24
```

```
25
```

```
26
```

```
}
```

