

*key* *value*

```
d={i:i**2 for i in range(1,11)}
```

*item*

The diagram illustrates the components of a Python dictionary comprehension. The code `d={i:i**2 for i in range(1,11)}` is shown with color-coding: `i` is black, `:` is black, `i` is black, `**` is black, `2` is green, `for` is purple, `i` is black, `in` is blue, `range` is brown, `(1,11)` is green, and `}` is black. Handwritten red annotations show a bracket from `i` to `key and another from i**2 to value. A handwritten blue bracket under i:i**2 points down to the word item.`