

```
# Basic assignment
harry = "under the cabinet"
```

Basic assignment
harry = "under the cabinet"

Name	Value

Basic assignment
harry = "under the cabinet" -

Name	Value
harry	"under the cabinet"

Basic assignment
harry = "under the cabinet"
hermione = "muggle parents"

Name	Value
harry	"under the cabinet"

```
# Basic assignment
harry = "under the cabinet"
hermione = "muggle parents"
```

Name	Value
harry	"under the cabinet"
hermione	"muggle parents"

```
# Basic assignment
harry = "under the cabinet"
hermione = "muggle parents"
ron = "big family"
```

Name	Value
harry	"under the cabinet"
hermione	"muggle parents"

```
# Basic assignment
harry = "under the cabinet"
hermione = "muggle parents"
ron = "big family"
```

Name	Value
harry	"under the cabinet"
hermione	"muggle parents"
ron	"big family"

```
# Basic assignment
harry = "under the cabinet"
hermione = "muggle parents"
ron = "big family"
ginny = ron
```

Name	Value
harry	"under the cabinet"
hermione	"muggle parents"
ron	"big family"

```
# Basic assignment
harry = "under the cabinet"
hermione = "muggle parents"
ron = "big family"
ginny = ron
```

Name	Value
harry	"under the cabinet"
hermione	"muggle parents"
ron	"big family"

```
# Basic assignment
harry = "under the cabinet"
hermione = "muggle parents"
ron = "big family"
ginny = "big family"
```

Name	Value
harry	"under the cabinet"
hermione	"muggle parents"
ron	"big family"

```
# Basic assignment
harry = "under the cabinet"
hermione = "muggle parents"
ron = "big family"
ginny = ron
```

Name	Value
harry	"under the cabinet"
hermione	"muggle parents"
ron	"big family"
ginny	"big family"

```
# Basic assignment
harry = "under the cabinet"
hermione = "muggle parents"

ginny = ron
ron = "big family"
```

Name	Value
harry	"under the cabinet"
hermione	"muggle parents"

```
# Basic assignment
harry = "under the cabinet"
hermione = "muggle parents"

ginny = ron
ron = "big family"
```

No definition of ron in the table Undefined name error

Name	Value
harry	"under the cabinet"
hermione	"muggle parents"

```
# Basic assignment
harry = "under the cabinet"
hermione = "muggle parents"
ron = "big family"
ginny = ron
```

Name	Value
harry	"under the cabinet"
hermione	"muggle parents"
ron	"big family"
ginny	"big family"

```
# Basic assignment
harry = "under the cabinet"
hermione = "muggle parents"
ron = "big family"
ginny = ron
```

learning wingardiam leviosa

Name	Value
harry	"under the cabinet"
hermione	"muggle parents"
ron	"big family"
ginny	"big family"

```
# Basic assignment
harry = "under the cabinet"
hermione = "muggle parents"
ron = "big family"
ginny = ron
```

learning wingardiam leviosa
harry = 10

Name	Value
harry	"under the cabinet"
hermione	"muggle parents"
ron	"big family"
ginny	"big family"

```
# Basic assignment
harry = "under the cabinet"
hermione = "muggle parents"
ron = "big family"
ginny = ron
```

learning wingardiam leviosa
harry = 10

Name	Value
harry	"under the cabinet"
hermione	"muggle parents"
ron	"big family"
ginny	"big family"
harry	10

```
# Basic assignment
harry = "under the cabinet"
hermione = "muggle parents"
ron = "big family"
ginny = ron
```

learning wingardiam leviosa
harry = 10

Name	Value
harry	10
hermione	"muggle parents"
ron	"big family"
ginny	"big family"

```
# Basic assignment
harry = "under the cabinet"
hermione = "muggle parents"
ron = "big family"
ginny = ron

# learning wingardiam leviosa
harry = 10
harry = harry + 1
```

Name	Value
harry	10
hermione	"muggle parents"
ron	"big family"
ginny	"big family"

```
# Basic assignment
harry = "under the cabinet"
hermione = "muggle parents"
ron = "big family"
ginny = ron
```

```
# learning wingardiam teviosa
harry = 10
harry = harry + 1
```

Figure out the value of the right side

Name	Value
harry	10
hermione	"muggle parents"
ron	"big family"
ginny	"big family"

```
# Basic assignment
harry = "under the cabinet"
hermione = "muggle parents"
ron = "big family"
ginny = ron

# learning wingardiam leviosa
harry = 10
harry = harry + 1
```

Name	Value
harry	10
nermione	"muggle parents"
ron	"big family"
ginny	"big family"

```
# Basic assignment
harry = "under the cabinet"
hermione = "muggle parents"
ron = "big family"
ginny = ron

# learning wingardiam leviosa
harry = 10
harry = 10 + 1
```

Name	Value
harry	10
hermione	"muggle parents"
ron	"big family"
ginny	"big family"

```
# Basic assignment
harry = "under the cabinet"
hermione = "muggle parents"
ron = "big family"
ginny = ron

# learning wingardiam leviosa
harry = 10
harry = 11
```

Name	Value
harry	10
hermione	"muggle parents"
ron	"big family"
ginny	"big family"

```
# Basic assignment
harry = "under the cabinet"
hermione = "muggle parents"
ron = "big family"
ginny = ron
```

```
# learning wingardiam leviosa
harry = 10
harry = 11
```

Name	Value
harry	1 1
hermione	"muggle parents"
ron	"big family"
ginny	"big family"

```
# Basic assignment
harry = "under the cabinet"
hermione = "muggle parents"
ron = "big family"
ginny = ron

# learning wingardiam leviosa
harry = 10
harry = harry + 1
```

Name	Value
harry	11
hermione	"muggle parents"
ron	"big family"
ginny	"big family"

```
# Basic assignment
harry = "under the cabinet"
hermione = "muggle parents"
ron = "big family"
ginny = ron

# learning wingardiam leviosa
harry = 10
harry = harry + 1
hermione = 1
```

Name	Value
harry	11
hermione	"muggle parents"
ron	"big family"
ginny	"big family"

```
# Basic assignment
harry = "under the cabinet"
hermione = "muggle parents"
ron = "big family"
ginny = ron

# learning wingardiam leviosa
harry = 10
harry = harry + 1

hermione = 1
ron = harry - 2
```

Name	Value
harry	11
hermione	1
ron	"big family"
ginny	"big family"

```
# Basic assignment
harry = "under the cabinet"
hermione = "muggle parents"
ron = "big family"
ginny = ron

# learning wingardiam leviosa
harry = 10
harry = harry + 1

hermione = 1
ron = 11 - 2
```

Name	Value
harry	11
hermione	1
ron	"big family"
ginny	"big family"

```
# Basic assignment
harry = "under the cabinet"
hermione = "muggle parents"
ron = "big family"
ginny = ron

# learning wingardiam leviosa
harry = 10
harry = harry + 1

hermione = 1
ron = 9
```

Name	Value
harry	11
hermione	1
ron	"big family"
ginny	"big family"

```
# Basic assignment
harry = "under the cabinet"
hermione = "muggle parents"
ron = "big family"
ginny = ron

# learning wingardiam leviosa
harry = 10
harry = harry + 1

hermione = 1
ron = 9
```

Name	Value
harry	11
hermione	1
ron	9
ginny	"big family"

```
# Basic assignment
harry = "under the cabinet"
hermione = "muggle parents"
ron = "big family"
ginny = ron

# learning wingardiam leviosa
harry = 10
harry = harry + 1

hermione = 1
ron = harry - 2
```

Name	Value
harry	11
hermione	1
ron	9
ginny	"big family"

```
# Basic assignment
harry = "under the cabinet"
hermione = "muggle parents"
ron = "big family"
ginny = ron

# learning wingardiam leviosa
harry = 10
harry = harry + 1

hermione = 1
ron = harry - 2
ginny = hermione + 1
```

Name	Value
harry	11
hermione	1
ron	9
ginny	"big family"

```
# Basic assignment
harry = "under the cabinet"
hermione = "muggle parents"
ron = "big family"
ginny = ron

# learning wingardiam leviosa
harry = 10
harry = harry + 1

hermione = 1
ron = harry - 2
ginny = 1 + 1
```

Name	Value
harry	11
hermione	1
ron	9
ginny	"big family"

```
# Basic assignment
harry = "under the cabinet"
hermione = "muggle parents"
ron = "big family"
ginny = ron

# learning wingardiam leviosa
harry = 10
harry = harry + 1

hermione = 1
ron = harry - 2
ginny = 2
```

Name	Value
harry	11
hermione	1
ron	9
ginny	"big family"

```
# Basic assignment
harry = "under the cabinet"
hermione = "muggle parents"
ron = "big family"
ginny = ron

# learning wingardiam leviosa
harry = 10
harry = harry + 1

hermione = 1
ron = harry - 2
ginny = hermione + 1
```

Name	Value
harry	11
hermione	1
ron	9
ginny	2

```
# Basic assignment
harry = "under the cabinet"
hermione = "muggle parents"
ron = "big family"
ginny = ron

# learning wingardiam leviosa
harry = 10
harry = harry + 1

hermione = 1
ron = harry - 2
ginny = hermione + 1
```

Name	Value
harry	11
hermione	1
ron	9
ginny	2

total = harry + hermione + ron + ginny

```
# Basic assignment
harry = "under the cabinet"
hermione = "muggle parents"
ron = "big family"
ginny = ron
# learning wingardiam leviosa
harry = 10
harry = harry + 1
hermione = 1
ron = harry - 2
ginny = hermione + 1
```

Name	Value
harry	11
hermione	1
ron	9
ginny	2

```
total = <del>harry</del> + hermione + ron + ginny
11
```

```
# Basic assignment
harry = "under the cabinet"
hermione = "muggle parents"
ron = "big family"
ginny = ron
# learning wingardiam leviosa
harry = 10
harry = harry + 1
hermione = 1
ron = harry - 2
ginny = hermione + 1
```

Name	Value
harry	11
hermione	1
ron	9
ginny	2

```
total = <del>harry + hermione</del> + ron + ginny
11 1
```

```
# Basic assignment
harry = "under the cabinet"
hermione = "muggle parents"
ron = "big family"
ginny = ron

# learning wingardiam leviosa
harry = 10
harry = harry + 1

hermione = 1
ron = harry - 2
ginny = hermione + 1
```

Name	Value
harry	11
hermione	1
ron	9
ginny	2

```
total = harry + hermione + ron + ginny
11 1 9
```

```
# Basic assignment
harry = "under the cabinet"
hermione = "muggle parents"
ron = "big family"
ginny = ron
# learning wingardiam leviosa
harry = 10
harry = harry + 1
hermione = 1
ron = harry - 2
ginny = hermione + 1
```

Name	Value
harry	11
hermione	1
ron	9
ginny	2

```
total = <del>harry + hermione + ron + ginny</del>
           11
```

```
# Basic assignment
harry = "under the cabinet"
hermione = "muggle parents"
ron = "big family"
ginny = ron
# learning wingardiam leviosa
harry = 10
harry = harry + 1
hermione = 1
ron = harry - 2
ginny = hermione + 1
total = 23
```

Name	Value
harry	11
hermione	1
ron	9
ginny	2

```
# Basic assignment
harry = "under the cabinet"
hermione = "muggle parents"
ron = "big family"
ginny = ron

# learning wingardiam leviosa
harry = 10
harry = harry + 1

hermione = 1
ron = harry - 2
ginny = hermione + 1
```

Name	Value
harry	11
hermione	1
ron	9
ginny	2
total	23

total = harry + hermione + ron + ginny

```
# Basic assignment
harry = "under the cabinet"
hermione = "muggle parents"
ron = "big family"
ginny = ron

# learning wingardiam leviosa
harry = 10
harry = harry + 1

hermione = 1
ron = harry - 2
ginny = hermione + 1
```

Name	Value
harry	11
hermione	1
ron	9
ginny	2
total	23

```
total = harry + hermione + ron + ginny
print(total) # prints 23
```

Concepts

Concepts

Code executes in a linear order

Concepts

Code executes in a linear order

Assignment associates a value with a name

Concepts

Code executes in a linear order

Assignment associates a value with a name

Assigning a value to a new name creates a new association

Concepts

Code executes in a linear order

Assignment associates a value with a name

Assigning a value to a new name creates a new association

Assigning a value to an existing name updates the association

Concepts

Code executes in a linear order

Assignment associates a value with a name

Assigning a value to a new name creates a new association

Assigning a value to an existing name updates the association

The right side of an assignment is evaluated first

Concepts

Code executes in a linear order

Assignment associates a value with a name

Assigning a value to a new name creates a new association

Assigning a value to an existing name updates the association

The right side of an assignment is evaluated first

The value of the right side is copied into the location associated with the name on the left side