```
In [1]:  ▶|  a=14
             h=14
             a==h

Out[1]:  True
```

```
In [3]:  ▶|  id(a)==id(h)

Out[3]:  True
```

```
In [8]:  ▶|  a=300
             h=300
             a==h

Out[8]:  True
```

```
In [9]:  ▶|  a is h

Out[9]:  False
```

```
In [10]:  ▶|  id(a)==id(h)

Out[10]:  False
```

```
In [11]:  ▶|  id(a), id(h)

Out[11]:  (2896091871792, 2896091872400)
```

```
In [12]:  ▶|  a=2
              id(a)

Out[12]:  140715651735984
```

```
In [13]:  ▶|  id(2)

Out[13]:  140715651735984
```

```
In [14]: ▶| id(0)

Out[14]: 140715651735920

In [15]: ▶| s="Hello!"
         id(s)

Out[15]: 2896094203824

In [16]: ▶| id("Hello!")

Out[16]: 2896094213552

In [18]: ▶| s1="Hello!"
         s==s1

Out[18]: True

In [19]: ▶| s is s1

Out[19]: False

In [ ]: ▶| #If you want to check for same memory address then use "is".
         #If you want to check for same values, not memory address then use "==".
```