



#neededargumentmissing

#non-keyword argument aftr keyword argument

'dead' 5.0 'dead'

#dup1 indicates value for the same argument

110 220

#unknownkeywordargument



Invalid Calls

```
def parrot(voltage, state='...', action='...', type='...')
```

```
# required argument missing
```

```
parrot()
```

```
# non-keyword argument after a keyword argument
```

```
parrot(voltage=5.0, 'dead')
```

```
# duplicate value for the same argument
```

```
parrot(110, voltage=220)
```

```
# unknown keyword argument
```

```
parrot(actor='John Cleese')
```

Rules about Function Calls