Automated Code Review Report

1. Complexity & Maintainability

Maintainability Index: 60.53 (Grade: B)

Function/Class	Complexity	Rank
calc	6	B

2. Style Issues (Flake8)

[Line 1] E231: missing whitespace after ','

[Line 3] E111: indentation is not a multiple of 4

[Line 3] E225: missing whitespace around operator

[Line 5] E111: indentation is not a multiple of 4

[Line 5] E225: missing whitespace around operator

[Line 7] E111: indentation is not a multiple of 4

[Line 7] E225: missing whitespace around operator

[Line 11] E111: indentation is not a multiple of 4

[Line 15] E111: indentation is not a multiple of 4

[Line 17] E111: indentation is not a multiple of 4

[Line 17] E225: missing whitespace around operator

[Line 17] E701: multiple statements on one line (colon)

[Line 17] E231: missing whitespace after ':'

[Line 19] E111: indentation is not a multiple of 4

[Line 19] E701: multiple statements on one line (colon)

[Line 19] E231: missing whitespace after ':'

[Line 21] E111: indentation is not a multiple of 4

[Line 23] E111: indentation is not a multiple of 4

[Line 23] E231: missing whitespace after ','

[Line 25] E111: indentation is not a multiple of 4

[Line 27] E111: indentation is not a multiple of 4

[Line 28] W391: blank line at end of file

3. Original Code

```
def calc(a,b):
 if a>10:
  if b>10:
   if a>b:
    return a-b
   else:
    return b-a
  else:
   if a==b:return 0
   else:return a+b
 else:
```

```
  for i in range(0,10):
    print(i)
 return None
```

4. Formatted Code (Black)

```
def calc(a, b):
    if a > 10:
        if b > 10:
            if a > b:
                return a - b
            else:
                return b - a
        else:
            if a == b:
                return 0
            else:
                return a + b
    else:
        for i in range(0, 10):
            print(i)
    return None
```