

| # | Old Code | # | New Code |
|----|---|----|---|
| 1 | # Keywords & syntax demo (A) | 1 | # Keywords & syntax demo (B) |
| 1 | | 1 | |
| 2 | import math | 2 | import math |
| 3 | from math import pi as circle_pi | 3 | from math import pi as circle_pi |
| 4 | | 4 | |
| 5 | class Example: | 5 | class Example: |
| 6 | def __init__(self, value: int = 0) -> None: | 6 | def __init__(self, value: int = 1) -> None: # Changed default from 0 to 1 |
| 6 | self.value = value | 6 | self.value = value |
| 7 | | 7 | |
| 8 | def compute(self) -> float: | 8 | def compute(self) -> float: |
| 9 | if self.value > 0: | 9 | if self.value >= 0: # Changed > to >= |
| 9 | for i in range(1, 10): | 9 | for i in range(1, 10): |
| 10 | while i < 5: | 10 | while i < 6: # Changed 5 to 6 |
| 10 | try: | 10 | try: |
| 11 | assert i != 3, "Unlucky number" | 11 | assert i != 4, "Unlucky number" # Changed 3 to 4 |
| 11 | yield i | 11 | yield i |
| 12 | break | 12 | break |
| 13 | except | 13 | except |
| | AssertionError as e: | | AssertionError as e: |
| 14 | print(f"Caught: {e}") | 14 | print(f"Error: {e}") # Changed message |
| 14 | continue | 14 | continue |
| 15 | finally: | 15 | finally: |
| 16 | pass | 16 | pass |
| 17 | elif self.value == 0: | 17 | elif self.value == -1: # Changed 0 to -1 |
| 17 | return None | 17 | return None |
| 18 | else: | 18 | else: |
| 19 | raise | 19 | raise ValueError("Too negative!") # Changed error message and a liot of other things and many more sthings and erhlghs eskjrhg ewg ewkh lk4w5ypow45klthq3 k45hkjlw hkj54wnt 3q5t 5iuyg4wiu hq5k4nt kjl35wht jgwhj we hjl ghwergewrjgh erwjgh ewrkjgh erwkljgh ewrrg ewrgj herwg erwrg ewjrgh ewrjgh werjlgjj hwerkljgh wergj hewrkjgh wergh wergh ewrkjlgherw gerwkjlhgkl wergkjlw ewrjgh wergh werkjgh kj jkerhgj wegr |
| 19 | ValueError("Negative!") | | |
| 19 | | 19 | |
| 20 | def main(): | 20 | def main(): |
| 21 | e = Example(2) | 21 | if a: |

| | | | |
|----|--|------|---|
| 22 | result = [x for x in e.compute() if x % 2 == 0] | None | |
| 23 | print("Results:", result) | None | |
| 21 | match e.value: | 21 | match e.value: |
| 22 | case 0: | 22 | case 0: |
| 23 | print("Zero") | 23 | print("Zero") |
| 24 | def inner(*args, **kwargs): | 24 | def inner(*args, **kwargs): |
| 25 | global x | 25 | global x |
| 26 | nonlocal result | 26 | nonlocal result |
| 27 | x = lambda y: y ** 2 | 27 | x = lambda y: y + 1 # |
| | | | Changed expression |
| 28 | print({k: v for k, v in kwargs.items()}) | 28 | print({k: v.upper() for k, v in kwargs.items()}) # Added .upper() |
| 27 | return x(args[0]) if args | 27 | return x(args[0]) if args |
| | else None | | else None |
| 28 | | 28 | |
| 29 | print(inner(4, key='val')) | 29 | print(inner(3, key='val')) # |
| | | | Changed arg |
| 29 | | 29 | |
| 30 | if __name__ == "__main__": | 30 | if __name__ == "__main__": |
| 31 | main() | 31 | main() |
| 32 | | 32 | |
| 33 | | 33 | |
| 34 | old_part = sanitize(old_line[i1:i2]) | 34 | old_part = " ".join(sanitize(tok) for tok in old_tokens[i1:i2]) |
| 35 | new_part = sanitize(new_line[j1:j2]) | 35 | new_part = " ".join(sanitize(tok) for tok in new_tokens[j1:j2]) |
| 34 | | 34 | |
| 35 | \ No newline at end of file | 35 | \ No newline at end of file |