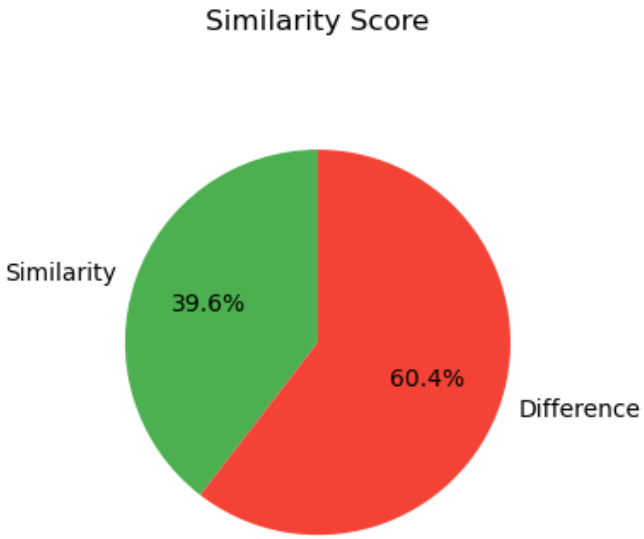
Code Similarity Report

Comparison Summary

Method: JACCARD
Similarity Score: 0.3956
Plagiarism Threshold Exceeded: No



Code Differences (Visual)

```
---
+++
@@ -1,31 +1,31 @@
-def is_prime(n):
-    if n < 2:
+def check_if_prime(x):
+    if x < 2:
         return False
-    for i in range(2, int(n ** 0.5) + 1):
-        if n % i == 0:
+    for div in range(2, int(x ** 0.5) + 1):
+        if x % div == 0:
             return False
     return True

-def next_k_primes(start, k):
-    count = 0
-    num = start + 1
-    while count < k:
-        if is_prime(num):
-            print(num, end=' ')
-            count += 1
```

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```
-        num += 1
+def find_next_primes(after, total):
+    found = 0
+    candidate = after + 1
+    while found < total:
+        if check_if_prime(candidate):
+            print(candidate, end=" ")
+            found += 1
+        candidate += 1

 def main():
-    number = int(input("Enter a number: "))
-    k = int(input("Enter how many primes to print: "))
+    val = int(input("Input a number: "))
+    primes_needed = int(input("How many next primes? "))

-    if is_prime(number):
-        print(f"{number} is prime.")
+    if check_if_prime(val):
+        print(f"{val} is a prime number.")
     else:
-        print(f"{number} is not prime.")
+        print(f"{val} is not a prime number.")

-    print(f"Next {k} prime numbers are:")
-    next_k_primes(number, k)
+    print(f"The next {primes_needed} prime numbers are:")
+    find_next_primes(val, primes_needed)

 if __name__ == "__main__":
     main()
```