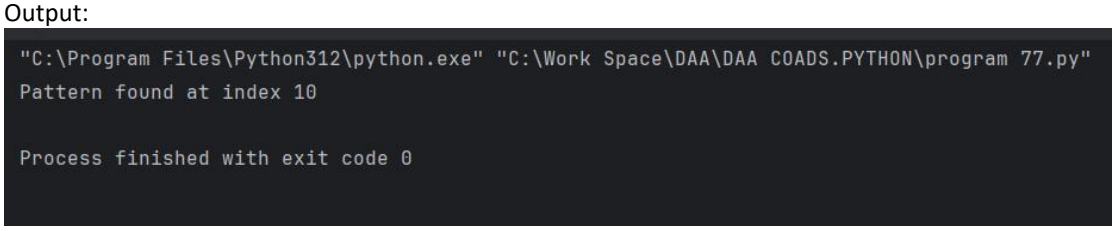
77.Brute-Force String Matching

Program:

```
def brute_force_string_match(text, pattern):
    n = len(text)
    m = len(pattern)

    # Traverse the text to check for pattern
    for i in range(n - m + 1):
        j = 0
        # Check for the pattern in the text
        while j < m and text[i + j] == pattern[j]:
            j += 1

        # If pattern is found
        if j == m:
            return i  # Return the starting index of the pattern in text

    return -1  # Return -1 if pattern is not found

# Example usage:
text = "THIS IS A TEST TEXT"
pattern = "TEST"
result = brute_force_string_match(text, pattern)
if result != -1:
    print(f"Pattern found at index {result}")
else:
    print("Pattern not found")
```

Output:



Time complexity:

O(n.m)