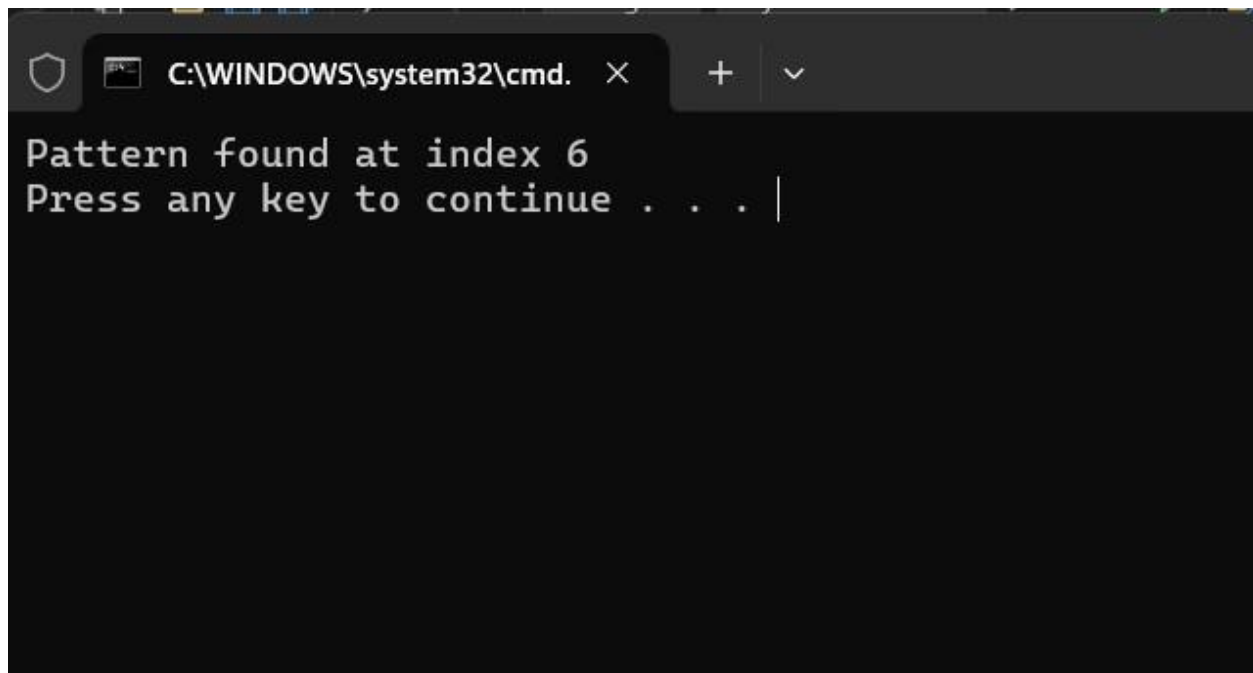75) Brute Force String Matching

CODE:

```python
def brute_force(text, pattern):    n = len(text)
m = len(pattern)    for i in range(n - m + 1):
j = 0        while j < m and text[i + j] ==
pattern[j]:        j += 1        if j == m:
return i    return -1


text = "hello world" pattern
= "world"
index = brute_force(text, pattern)
 if index != -1:    print(f"Pattern found at
index {index}") else:    print("Pattern not
found")
```

OUTPUT:


```
Pattern found at index 6
Press any key to continue . . . |
```

TIME COMPLEXITY : O(n*m)