

Homework 3

1.

We search for the substring “ABX” in the string “ABCDABCDABCD-ABXD”. Successful matches are in bold and unsuccessful are in regular text.

A	B	C	D	A	B	C	D	A	B	C	D	A	B	X	D
A	B	X													
	A														
		A													
			A												
				A	B	X									
					A										
						A									
							A								
								A	B	X					
									A						
										A					
											A				
												A	B	X	

We see that there are 9 successful and 12 unsuccessful matches.

2. Section 3.2 #8 (a)