Exercise 9-3

Parser

9-3 Test various regular expression to parse ASCII string messages:

a) Open **Parser.vi** (Fig. 1)

b) Enter **Input string** according to Table 1 and run the application

c) Enter **Regular expression** according to Table 1 and check **Match**
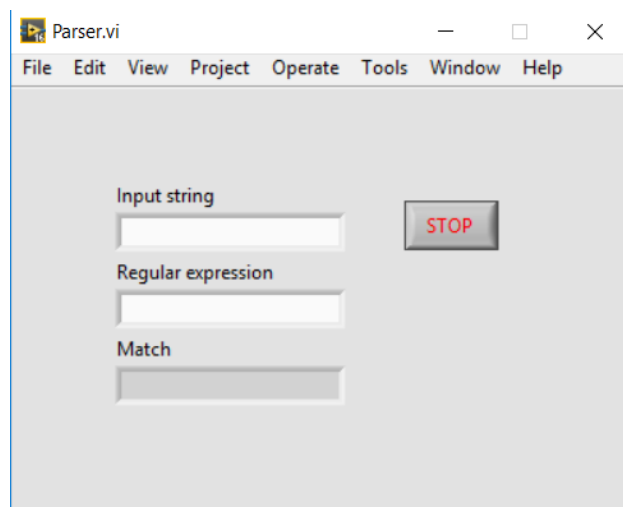

Fig. 1. UI of Parser.vi

Table 1. Examples of parsing

Example No.	Input string	Regular expression	Match
1	aBcD1234AbCd	[0-9]	1
2	aBcD1234AbCd	[0-9]+	1234
3	aBcD1234AbCd	[^a-z]	B
4	aBcD1234AbCd	[^0-9]+	aBcD
5	aBcD1234AbCd	[^0-9]+$	AbCd
6	aBcD1234AbCd	[A-Z][0-9].	D12
7	First and second	^[^]+	First
8	First and second	[^]+$	second