

Ain Shams University
Faculty of Engineering
Computer and Systems Department

Compilers

Report On: Scanner

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Section: 3

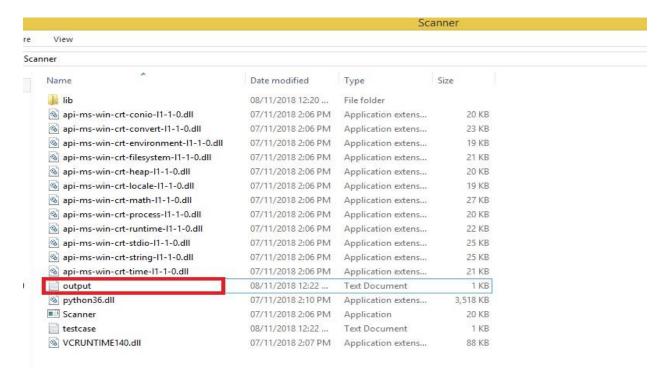
Change code here

		Scanner		
V	ïew			
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Na	me	Date modified	Туре	Size
	lib	08/11/2018 12:20	File folder	
0	api-ms-win-crt-conio-l1-1-0.dll	07/11/2018 2:06 PM	Application extens	20 KB
0	api-ms-win-crt-convert-I1-1-0.dll	07/11/2018 2:06 PM	Application extens	23 KB
0	api-ms-win-crt-environment-l1-1-0.dll	07/11/2018 2:06 PM	Application extens	19 KB
0	api-ms-win-crt-filesystem-l1-1-0.dll	07/11/2018 2:06 PM	Application extens	21 KB
0	api-ms-win-crt-heap-I1-1-0.dll	07/11/2018 2:06 PM	Application extens	20 KB
0	api-ms-win-crt-locale-I1-1-0.dll	07/11/2018 2:06 PM	Application extens	19 KB
0	api-ms-win-crt-math-I1-1-0.dll	07/11/2018 2:06 PM	Application extens	27 KB
0	api-ms-win-crt-process-I1-1-0.dll	07/11/2018 2:06 PM	Application extens	20 KB
0	api-ms-win-crt-runtime-I1-1-0.dll	07/11/2018 2:06 PM	Application extens	22 KB
0	api-ms-win-crt-stdio-l1-1-0.dll	07/11/2018 2:06 PM	Application extens	25 KB
0	api-ms-win-crt-string-I1-1-0.dll	07/11/2018 2:06 PM	Application extens	25 KB
0	api-ms-win-crt-time-l1-1-0,dll	07/11/2018 2:06 PM	Application extens	21 KB
phone	output	08/11/2018 12;22	Text Document	1 KB
0	python36.dll	07/11/2018 2:10 PM	Application extens	3,518 KB
	Scanner	07/11/2018 2:06 PM	Application	20 KB
	testcase	08/11/2018 12:22	Text Document	1 KB
0	VCRUNTIME140.dll	07/11/2018 2:07 PM	Application extens	88 KB

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		Application Tools				Scanne
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	Name	^		Date modified	Туре	Size
	lib			08/11/2018 12:20	File folder	
	api-m	ns-win-crt-conio-l	1-1-0.dll	07/11/2018 2:06 PM	Application extens	20 KB
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	api-n	ns-win-crt-math-l1	-1-0.dll	07/11/2018 2:06 PM	Application extens	27 KB
	api-n	ns-win-crt-process	-I1-1-0.dII	07/11/2018 2:06 PM	Application extens	20 KB
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	api-n	ns-win-crt-time-I1-	-1-0.dll	07/11/2018 2:06 PM	Application extens	21 KB
	outpu	ut		08/11/2018 12:22	Text Document	1 KB
	pytho	python36.dll		07/11/2018 2:10 PM	Application extens	3,518 KB
	Scann	ner		07/11/2018 2:06 PM	Application	20 KB
	testca	ise		08/11/2018 12:22	Text Document	1 KB
		INTIME140.dll		07/11/2018 2:07 PM	Application extens	88 KB

Output file here



Test case 1

Output 1

Test case 2

```
File Edit Format View Help

{ Sample program in TINY language - computes factorial} read y; if y > 1 then repeat y := y * (y-1) until y = 200; write y / 2 { output } end
```

Output 2

```
File Edit Format View Help

('read', 'read')
('y', 'Identfier')
('j', 'Symbol')
('if', 'if')
('y', 'Symbol')
('then', 'then')
('repeat', 'repeat')
('y', 'Identfier')
('z', 'Assign')
('y', 'Identfier')
('x', 'Symbol')
('y', 'Identfier')
('y', 'Identfier)
('y', 'Identfier)
('y', 'Symbol')
('y', 'Symbol')
('y', 'Symbol')
('y', 'Symbol')
('y', 'Symbol')
('y', 'Symbol')
('y', 'Identfier')
('z', 'Symbol')
('y', 'Identfier')
('z', 'Symbol')
('until', 'until')
('y', 'Identfier')
('z', 'Symbol')
('write', 'write')
('y', 'Symbol')
('write', 'write')
('y', 'Symbol')
```