output - Notepad

File   Edit   Format   View   Help

```
MOV R0,a
ADD R0,b
MOV t1,R0
MOV R0,c
MUL R0,d
MOV t2,R0
MOV R0,t1
SUB R0,t2
MOV t,R0
MOV R0,t
MOV x,R0
```

output - Notepad

File   Edit   Format   View   Help

program - Notepad

File   Edit   Format   View   Help

```
void main()
{
int a,b,c;
c=a+b;
}
```

"C:\Users\alans\OneDrive\Documents\Compiler\Lab 4\bin\Debug\Lab 4.exe"

```
void is keyword
main is indentifier
int is keyword
abc is indentifier
= is operator
+ is operator
cab is indentifier

Process returned 0 (0x0)   execution time : 0.044 s
Press any key to continue.
```

```
+ a b t1
* c d t2
- t1 t2 t
= t ? x
```

```
Enter an identifier:1agag

Not a valid identifier
```

```
Enter the String:
/*Hello World*/

 It is a comment

Process returned 0 (0x0)   execution time : 25.849 s
Press any key to continue.
```

```
Enter a string:aaabbbb

aaabbbb is accepted under rule 'a*b+'
```