**Name : Karim Alaa Sayed Abd Alaal**

**ID : 20140283  
Dept : CS/IS**

**Course : Concept of Programming Language**

***\* Switch Case BNF \****

**<switch> := <switch\_stmt>**

**| <empty>**

**<empty> := empty**

**<switch\_stmt> := switch( <var> ){**

**<list\_code>**

**<list\_code> := case <var> :<stmt\_list>;**

**break;**

**| case <var> : <stmt\_list>;**

**break; <list\_code>**

**| <default>**

**<default> := default : <stmt\_list>**

**break;**

**<var> := <ID>**

**| NUMBER**

**<stmt\_list> := <stmt>**

**| <expression>**

**<stmt> := <ID> = <expression>**

**| <ID>**

**<expression> := <expression> + <term>**

**| <expression> - <term>**

**| <term>**

**<term> := <term> \* <factor>**

**| <term> / <factor>**

**| <factor>**

**<factor> := <NUMBER>**

**| (<expression>)**

**<var> := <Digit>**

**|<char>**

**<Digit> := [0,1,2,…..9]**

**<char> := [A,B ,C…..,z]**