Comments:-

#. Comment is a description about basic programming element.

#. Comments are meant for developer/ Automation Test Engineer to understand the purpose of code.

1. Single Line Comment :- //

2. Multiline Comment :- / \* code \*/

3. Document Comment :- /\*\*\*\*\*\*/

Note:-

1. The Statement placed inside the above special character are ignored by the javac compiler while compiling the class.

2. It means compiler will not generate bytecode for those comments. so, comments will not be present inside .class file.

Identifiers and Its Rules:-

1. Identifier is a name of basic programming element.

Rules to define identifier:-

alphabet:- [a-z] and/or [ A-Z]

digits :- [0-9]

special character :- [ \_ or/and $ ]

#. Identifier should not start with a digit.A digit can be used from second character onwards.

#. Identifier should not contain space in the middle of the words. If you want to provide gap between

words, then word must be connected with ( \_ ) underscore.

Due to this reason \_ is also called as connector symbol.

#. Idenifier is case sensitive. ( a != A )

Keywords:-

#. Java Keywords is predefined identifier available directly throughout the JVM.

#. These keywords will have special meaning in java.

#. Keywords are reserved for their intended use.

#. All characters in keyword must be used in lower case because keyword is case sensitive.

#. Basically, keywords are used to communicate with compiler and JVM about the operation we are performing

in software application.

#. In Java, we have 50 keywords.

Java Keyword:- ( 50 Keywords )

#. Java Files: class,interface,enum (3)

#. Primitive Data Types : byte,short,int,long,double,float,char,boolean (8)

#. return type : void (1 )

#. Memory Location : static , new(2)

#. control statement : if,else,switch,case,default,for,while,do,break,continue,return (11)

#. Accessiblity Modifier : public,private,protected (3)

#. Modifiers : static,final,abstract, native,transient,volatile,synchronized,strictfp (8)

#. Inheritance : extends,implements (2)

#. Object Representation : this,super,instanceof (3)

#. package : package,import (2)

#. Exception Handling : try,catch,finally,throw,throws (5)

#. verification point : assert (1)

#. unused keyword : const,goto (2)