ASSIGNMENT - 6

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1.What is private access specifier?

A.Access Specifier in java specifies the accessibility.”Private Access Specifier” of a class does not

gives the access to use variables in other classes or outside of the class.

2.What are getter and setter methods? why do we need them?

A.“Setter method” is used to set or assing a value to a vaiable.

“Getter method” is used to get the value of a variable which has assigned using setter method.

We use setter and getter methods while we are trying to access the variables of one class to other class.

3.Why this keyword in the setter method?

A.“This” keyword is mainly used in setter method.We use this keyword when we are calling a method

to get a clarity that which method is calling.

4.Difference between localvariable and member variable/instance variable.

A.Local vaiables are used inside of the method where as member vaiables/instance variables are

used inside the class and outside the method.

5.What is reference variable?

A.A reference variable is an alternate name of aleady existed variable(declared),it is a vaiable that

points to an object of a given class letting us to access the value of an object.

6.Syntax of creating an object?

A.//initialization and declaration of an object

Classname referenceVariable = new Classname(arguments/parameters);

//calling of an object

refenceVariable.vaiableName=Value;

7.Explain in detail what happens when we create an object?

A.Whenever we ceate variables of public access specifier in a class,there will be no security for that variables.So we use private access specifier instead of public.As the variables are secured now,when we want to access that vaiables in other class we use Objects. And we access them with the class name by the help of dot operator and we can initialize,modify them easily though the are secured.

8.What is class?

A.- A Class is a blueprint of an object.

- It is a logical entity.

- It does’nt have memory.

9.What is object?

A.- Object is an instance of a class.

- It is a physical/real time entity.

- It has a memory.

10.What are the default values of all the datatypes?

A.Integer = 0.

Short = 0.

Byte = 0.

Long = 0L.

Float = 0.0f.

String = null.

Char = \u0000.

Boolean = False.

11.Difference between the static methods and instance method?

A.Static method gives us access to call the method by the help of class name easily without ceating an object,whereas instance method need to be called by ceating an object.

12.Syntax of accessing the member variable in the main?

A.object.varibleName;

13.Syntax of instance method defination?

A.Access\_specifier return\_type methodName()

{

//body

}

14.Syntax of static method defination?

A.Acess\_modifier static void methodName()

{

//body

}

15.Difference between actual parameter and formal parameter?

A.-Actual parameters are specified in the calling function.

-Formal parameters are those which ae declared in the called function.

16.Why we need the parameter or arguments to the methods?

A.- A parameter is a special kind of variable,one of the way to input the data.

- This data values of the arguments with which the function is going to be called.

17.Why we need the return statement and return type to the method.

A.- Return statement is used to eturn a value from a method.

- Return type retuns a value of expected data type from the method.

18.Method can be private.( true or false)

A.True.

19.What is the error message if we access private variable or method out side the class?

A.The field Class.variabe is not visible.