1.what is Encapsulation in java? Why it is called hiding?

Ans. binding of data and corresponding methods into a single unit is called “Encapsulation”

2.what are the important features of Encapsulation?

Ans. a. allow hiding data

b. being data corresponding methods

3. what are the getter and setter method in java Explain with an example.

Ans. Setter= setter method are used to set the value to the instance variable of the class.

Getter= getter method are used to get the value from the instance variable of the class.

4. what is the use of this keyword explain with an example.

Ans. IF , both local variable and instance variable have the same name inside the method then it would result in a name-clash and jvm will always give preference for local variable.

5.what is advantages of Encapsulation?

Ans. a. we can achieve security.

b. Enhancement becomes easy.

c. Maintainability and modularization becomes easy.

6. how to achieve encapsulation in Java? Give an example.

Ans. by using private modifiers we can implements “data hinding”

Ex- class Account{

Private double balance;}