1.Four access specifiers are:

-Private

-Default

-Protected

-Public

Significance :

-Private : Can access only within class, outside of the class we cannot access any variable and method

-Default : If we don’t specify any modifier, it will consider as “default”. We can access inside the package

-Protected : Protected can be accessed within a package and also outside the package but only through inheritance. Without inheritance we cannot access

-Public : Can be accessed anywhere inside the class,package and outside the class ,package.

2.Exception :

-When an error is thrown, an exception is thrown

-Exception can be handled by exception handling

Errors :

-Occur at run-time and are not known by compiler , so we can say it as “Unchecked”

3.Checked exceptions:

-It occurs at compile time,compiler checks for this type of exception and can be handle at compilation time

Ex : filenot found exception,IO exception

Unchecked exception:

-It occurs at run-time and compiler doesn’t check this kind of exceptions, This exceptions can’t be handled during compilation time

Ex : Arithmetic exception,Nullpointer exception