**CONSTRUCTOR ASSIGNMENT**

QUES 1) WHAT IS CONSTRUCTOR.

ANS) IT IS USED TO INITIALIZE THE OBJECT.

QUES 2) WHAT IS CONSTRUCTOR CHAINING.

ANS) THE PROCESS OF CALLING ONE CONSTRUCTOR FROM ANOTHER CONSTRUCTOR.

QUES 3) CAN WE CALL A SUBCLASS CONSTRUCTOR FROM A SUPER CLASS CONSTRUCTOR.

ANS) YES WE CAN VIA GIVING THE PARAMETERS SUPER CLASS CONSTRUCTOR IN THIS KEYWORD.

QUES 4) WHAT HAPPEN IF WE KEEP A RETURN TYPE OF A CONSTRUCTOR.

ANS) IT WILL DISPLAY COMPILATION ERROR, AND PROGRAM CANNOT COMPILED SUCCESSFULLY.

QUES 5) WHAT IS NO-ARG CONSTRUCTOR?

ANS) THE CONSTRUCTOR WITH NO PARAMTERS.

QUES 6) HOW IS NO ARG CONSTRUCTOR IS DIFFERENT FROM THE DEFAULT CONSTRUCTOR?

ANS) DEFAULT CONSTUCTOR – THE CONSTRUCTOR IS DEFINED BY THE COMPILER IF THE PROGRAMMER NOT WRITE ANY CONSTRUCTOR

NO-ARG CONSTRUCTOR – THE CONSTRUCTOR IS DEFINED BY THE PROGRAMMER, INSIDE THE CONSTRUCTOR THE PROGRAMMER CAN INITIALIZE THE VALUE OF OBJECTS, IF THE PROGRAMMER ADDED A NO ARG CONSTRUCTOR THAN COMPILER DID NOT CALL THE DEFAULT CONSTRUCTOR.

QUES 7) WHEN DO WE NEED CONSTRUCTOR OVERLOADING.

ANS) IN THE CASE WHERE WE HAVE DIFFERENT OBJECTS WITH DIFFERENT PARAMETERS, THE PARAMETERS OF THE OBJECT IS CALLED BY THE DEFINED CONSTRUCTOR IN THE PROGRAM AND EXECUTE THE FUNCTION.

QUES 8) WHAT IS DEFAULT CONSTRUCTOR WITH AN EXAMPLE.

ANS) THE CONSTRUCTOR WHICH IS CALLED BY THE COMPILER.

package Constr;

public class Demo {

    // in this program we have not initialized the constructor so the compiler will automatically call the default constructor

    int age;

    public static void main(String[] args) {

        Demo d = new Demo();

        d.age = 10;

        System.out.println(d.age);

    }

}