**8. Learn and understand Default values of instance variables, Demonstrate it with an suitable**

**example.**

**package** week2;

**public** **class** values

{

**byte** Byte;

**int** integer;

**long** Long;

**short** Short;

**boolean** Boolean;

String string;

**float** Float;

**char** ch;

**double** Double;

**void** getValues()

{

System.***out***.println("the default value of primitive datatype byte:"+Byte);

System.***out***.println("the default value of primitive datatype int:"+integer);

System.***out***.println("the default value of primitive datatype Long:"+Long);

System.***out***.println("the default value of primitive datatype Short:"+Short);

System.***out***.println("the default value of primitive datatype Boolean:"+Boolean);

System.***out***.println("the default value of string:"+string);

System.***out***.println("the default value of primitive datatype Float:"+Float);

System.***out***.println("the default value of primitive datatype char:"+ch);

System.***out***.println("the default value of primitive datatype Double:"+Double);

}

}

**class** defaultValues

{

**public** **static** **void** main(String [] args)

{

values var=**new** values();

var.getValues();

}

}

**OUTPUT:**

the default value of primitive datatype byte:0

the default value of primitive datatype int:0

the default value of primitive datatype Long:0

the default value of primitive datatype Short:0

the default value of primitive datatype Boolean:false

the default value of string:null

the default value of primitive datatype Float:0.0

the default value of primitive datatype char: