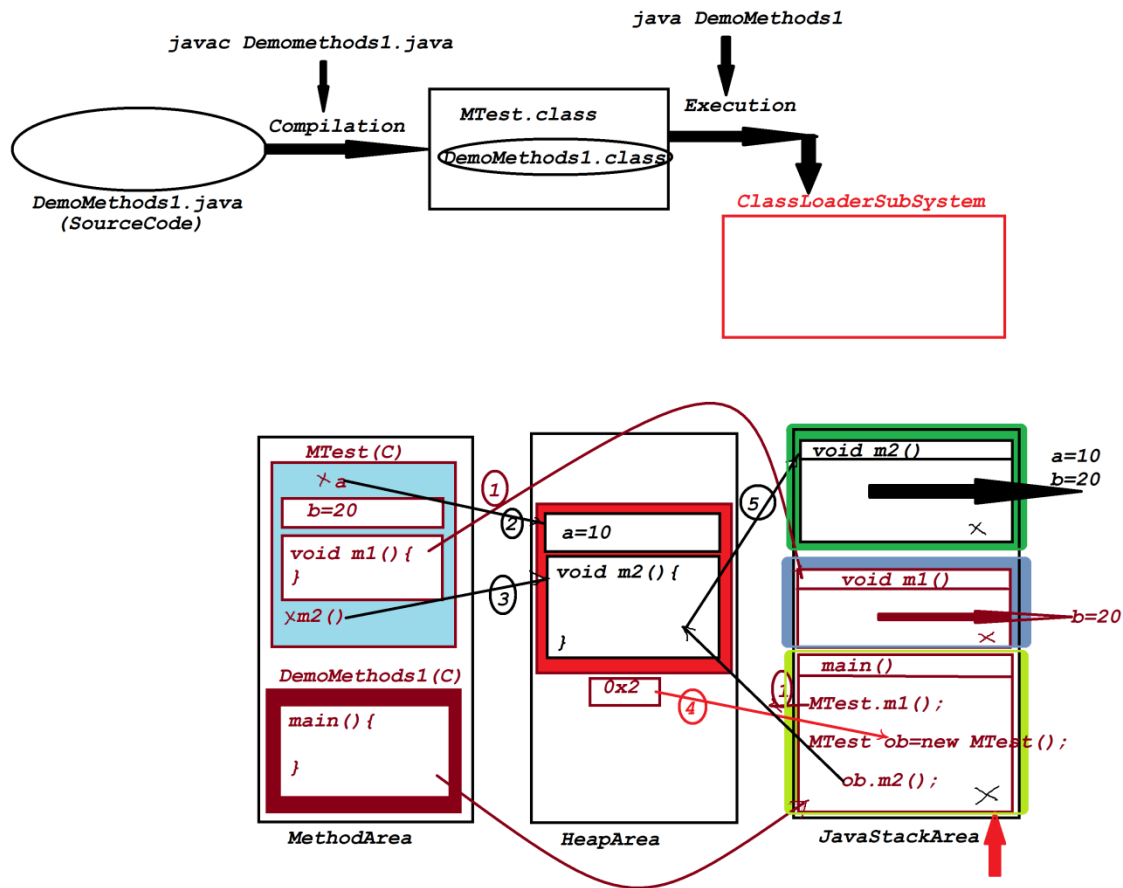


Dt : 22/7/2023

Execution flow of above program:



faq:

define Method Frame?

=>The partition of "Java Stack Area" where the method is copied for execution is known as Method Frame.

=>After Method Execution completed, the method Frame will be destroyed

automatically.

=====

**imp*

define parameters?

=>Parameters are the variables which are used to transfer the data from one method to another method.

=>Based on Parameters the methods are categorized into two types:

(a)Methods without parameters

(b)Methods with parameters.

(a)Methods without parameters:

=>The methods which are declared without parameters are known as 0-parameter methods or Methods without parameters.

Ex:

DemoMethods1.java

(b)Methods with parameters:

=>The methods which are declared with parameters are known as parameterized methods or Methods with parameters.

**imp*

define return_type?

=>return_type will specify the method will return the value after execution or not

=>Based on return_type methods are categorized into two types:

(a)NonReturn_type methods

(b)Return_type methods

(a)NonReturn_type methods:

=>The methods which will not return any value after method execution are known as NonReturn_type methods.

Ex:

DemoMethods1.java

=>The methods which are declared with "void" are known as NonReturn_type methods.

(b)Return_type methods:

=>The methods which return the value after execution are known as Return_type methods.

=>The methods which are declared without "void" are known as Return_type methods, which means "void" is replaced with datatype.

Ex:(Demonstrating Methods with parameters and return_type)

Program : DemoMethods2.java

class Average

{

float avg(int x,int y)

{

float z = (float)(x+y)/2;

return z;

}

}

class DemoMethods2

{

public static void main(String[] args)

{

Average ob = new Average();

float res = ob.avg(12,13);

System.out.println("Average="+res);

}

}

=====

Assignment:

wap to display percentage of 6 sub marks?

SubClass : Percentage

float per(s1,s2,s3,s4,s5,s6)

MainClass : DemoMethods3

=====

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