

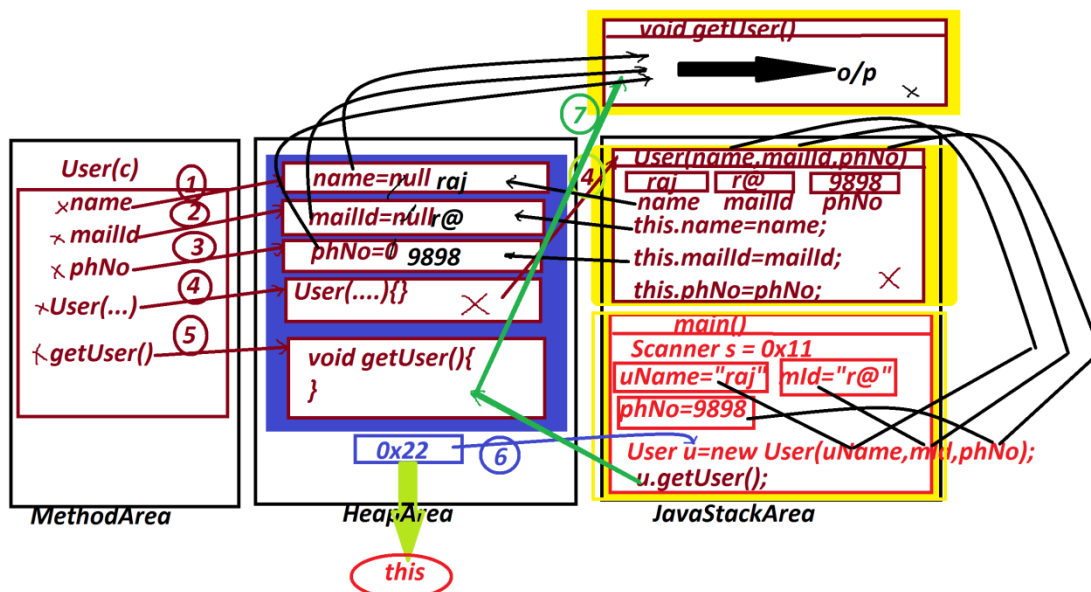
Dt : 8/9/2022

Execution flow of above program:

ClassFiles:

User.class

DemoCon5.class(MainClass)



***imp**

Loading data to Objects:

=>we can load the data to objects in three ways:

(a)Using Constructor

(b)Using Object reference Variable

(c)Using 'Setter methods'

(a)Using Constructor:

=>We can use constructor to load the data to objects while

Object creation process.

Ex:

DemoCon5.java

(b)Using Object reference Variable:

=>We can also load the data to objects using Object reference variable or Object_name.

Ex:

DemoMethods8.java

DemoMethods9.java

(c)Using 'Setter methods':

=>we can load the data to objects using 'Setter methods'.

Ex : DemoCon6.java

```
import java.util.Scanner;
```

```
class Order //SubClass
```

```
{
```

```
    String id,custName,prodName;
```

```
    void setId(String id)
```

```
    {
```

```
        this.id=id;
```

```
    }
```

```
void setCustName(String custName)
{
    this.custName = custName;
}

void setProdName(String prodName)
{
    this.prodName = prodName;
}

String getId()
{
    return id;
}

String getCustName()
{
    return custName;
}

String getProdName()
{
    return prodName;
}

}

class DemoCon6 //MainClass
{

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

```

{
    Scanner s = new Scanner(System.in);

    Order o = new Order();

    System.out.println("Enter the Order Id:");

    o.setId(s.nextLine());

    System.out.println("Enter the CustName:");

    o.setCustName(s.nextLine());

    System.out.println("Enter the ProdName:");

    o.setProdName(s.nextLine());

    System.out.println("====Display Order details====");

    System.out.println("Order id:"+o.getId());

    System.out.println("CustName:"+o.getCustName());

    System.out.println("Prod Name:"+o.getProdName());

}
}

```

o/p:

Enter the Order Id:

A111

Enter the CustName:

Raj

Enter the ProdName:

Mouse

====Display Order details====

Order id:A111

CustName:Raj

Prod Name:Mouse

=====

faq:

wt is the diff b/w

(i)Setter methods

(ii)Getter methods

(i)Setter methods:

=>Setter methods are used to set the data to the objects.

(ii)Getter methods:

=>Getter methods are used to get the data from the objects.

Coding rule:

**=>Each variable in class will have its own 'Setter method'
and 'Getter method'.**

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faq:

Java having destructors or nor?

**=>There is no concept of destructors in Java,because the
Constructor memory is destroyed automatically.**

=====

faq:

wt is the diff b/w

(i)Method Frame

(ii)Block Frame

(iii)Constructor Frame

(i)Method Frame:

*=>The partition of JavaStackArea where method is executed
is known as Method Frame*

(ii)Block Frame:

*=>The partition of JavaStackArea where block is executed
is known as block Frame*

(iii)Constructor Frame

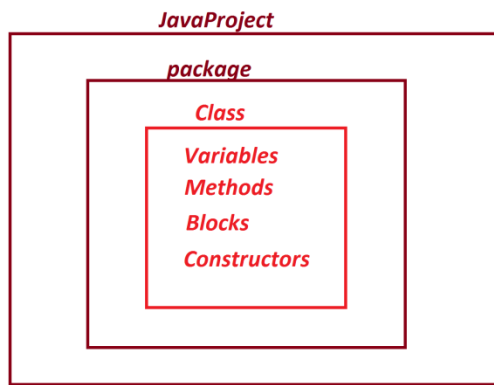
*=>The partition of JavaStackArea where Constructor is
executed is known as Constructor Frame*

=====

DownLoad IDE Eclipse using the following link:

<https://www.eclipse.org/downloads/>

select : Eclipse for Enterprise Java and Web



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