

Dt : 1/9/2022

faq:

wt is the diff b/w

(a)Object

(b)Object reference

(c)Object reference Variable

(a)Object:

=>The Storage which is holdind Instance members of Class is known as Object.

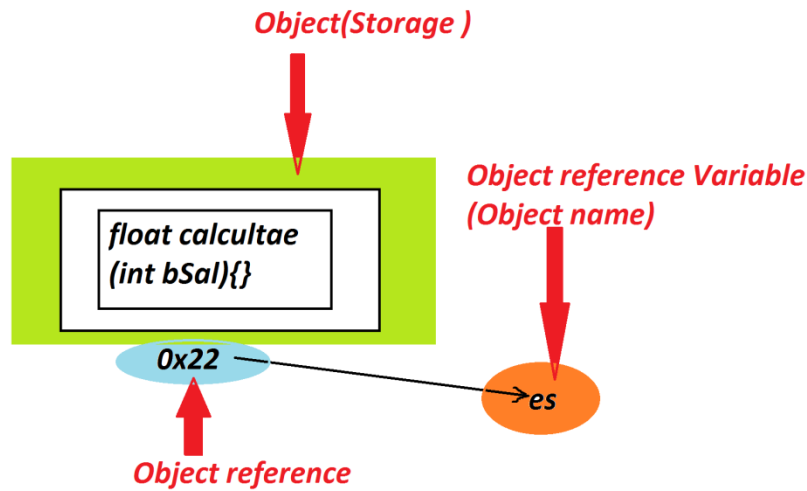
(b)Object reference:

=>The address location where the object is created is known as Object reference.

(c)Object reference Variable:

=>The NonPrimitive datatype variable which is holding Object reference is known as 'Object reference Variable' or Object name

Diagram:



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Note:

=>There are no External pointers in Java,but JavaLang support internal pointers concept to hold Object references.

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faq:

define Static Local Variables?

=>There is no concept of Static Local variables in Java,which means we cannot declare Local variables with static keyword.

(Compilation Error)

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***imp**

Object references as parameter to method and return_type:

=>when we pass NonPrimitive DataType variables as parameters to methods,then the Object references are moved from one method to

another method.

Ex-program : DemoMethods8.java

import java.util.Scanner;

class Customer //SubClass

{

//Instance Variables memory in Object

String id,name,mailld,city;

long phNo;

}

class RegisterCustomer //SubClass

{

Customer register(Scanner s)

{

Customer ob = new Customer();//Customer Object

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

ob.id = s.nextLine();

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

ob.name = s.nextLine();

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

ob.mailld = s.nextLine();

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

ob.phNo = Long.parseLong(s.nextLine());

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

ob.city = s.nextLine();

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        return ob;
    }
}

class DisplayCustomer //SubClass
{
    void display(Customer c)
    {
        System.out.println("====CustomerDetails====");
        System.out.println("CustId:"+c.id);
        System.out.println("CustName:"+c.name);
        System.out.println("CustMailId:"+c.mailId);
        System.out.println("CustPhNo:"+c.phNo);
        System.out.println("CustCity:"+c.city);
    }
}

class DemoMethods8 //MainClass
{
    public static void main(String[] args)
    {
        Scanner s = new Scanner(System.in);

        RegisterCustomer rc = new RegisterCustomer();

        Customer c = rc.register(s);//Object reference as_para

        DisplayCustomer dc = new DisplayCustomer();

        dc.display(c);//Object reference as_para
    }
}

```

}

}

o/p:

Enter the CustId:

A111

Enter the CustName:

Raj

Enter the CustMailId:

r@gmail.com

Enter the PhoneNo:

9898981234

Enter the CustCity:

Hyd

====CustomerDetails====

CustId:A111

CustName:Raj

CustMailId:r@gmail.com

CustPhNo:9898981234

CustCity:Hyd

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