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java Assignment 1.a

```
import java.util.Scanner;
class First10Que
{
    public static void que1()
    {
        Scanner sc = new Scanner(System.in);
        System.out.println("write Test1");
        int Test1 = sc.nextInt();
        System.out.println("write Test2");
        int Test2 = sc.nextInt();
        if(Test1>0 && Test2>0)
        {
            String result = (Test1>Test2)?"Test 1 is greater":
                            (Test2>Test1)?"Test 2 is greater":
                            "both are equal";

            System.out.println(result);
        }
        else
        {
            System.out.println("please type a positive number");
            que1();
        }
    }

    public static void que2()
    {
        Scanner sc = new Scanner(System.in);
        System.out.println("write salary of eacy
company\n"+"com1\n"+"com2\n"+"com3\n");
        int com1=sc.nextInt(),com2=sc.nextInt(),com3=sc.nextInt();
        if(com1>0 && com2>0 && com3>0)
        {
            String result = (com1>com2 && com1>com3)?"Company 1 offers highest
salary":
                            (com2>com1 && com2>com3)?"Company 2 offers highest
salary":
                            (com3>com1 && com3>com2)?"Company 3 offers highest
salary":

```

```

                (com1==com2)?"Company 1 & Company 2 have same
highest salary":
                (com2==com3)?"Company 2 & Company 2 have same
highest salary":"Company 1 & Company 3 have same highest salary";

                System.out.println(result);

        }
        else
        {
                System.out.println("please type valide positive integer");
                que2();
        }

}

public static void que3()
{
        Scanner sc = new Scanner(System.in);
        int currentam = 2000, trasam=sc.nextInt();

        if(currentam>0)
        {
                String tras = (trasam<0)?"Withdrawal transaction.":"doposite tras";
                System.out.println(tras);
        }
}

public static void que4()
{
        Scanner sc = new Scanner(System.in);
        System.out.println("Enter locker number: ");
        int lockernum=sc.nextInt();
        String locker = (lockernum%2==0)?"even locker number":"odd locker number";
        System.out.println(locker);

}

public static void que5()
{
        Scanner sc = new Scanner(System.in);
        System.out.println("enter a year");
        int birthdate=sc.nextInt();
        //only think about true condition then use || &&
        String ans =(birthdate%4==0 && (birthdate%100!=0 || birthdate%100==0
&& birthdate%400==0))?"Its leap year":"its not leap year";
        System.out.println(ans);

}

public static void que6()
{
        Scanner sc = new Scanner(System.in);

```

```
        System.out.println("write length and width");
        int l=sc.nextInt(),w = sc.nextInt();
        if(l==w)
        {

            System.out.println("Square garden");
        }
        else{
            System.out.println("not a square garden");
        }
    }

    public static void que7()
    {
        Scanner sc = new Scanner(System.in);
        System.out.println("enter marks");
        int marks = sc.nextInt();
        if(marks>=35)
        {
            System.out.println("student is pass");
        }
    }

    public static void que8()
    {
        Scanner sc = new Scanner(System.in);
        System.out.println("enter a amount");
        int purchaseam = sc.nextInt(),finalam;
        if(purchaseam>=1000)
        {
            finalam=(10*purchaseam)/100;

            System.out.println(purchaseam-finalam);
        }
    }

    public static void que9()
    {
        Scanner sc = new Scanner(System.in);
        System.out.println("write salary and year of service");
        int salary=sc.nextInt(),yearofserve=sc.nextInt(),bonus,bonusam;
        if(yearofserve>5)
        {
            bonus = (5*salary)/100;
            //bonusam = salary-bonus;
            System.out.println("Bonus amount: "+bonus);
        }
    }

    public static void que10()
    {
```

```
Scanner sc = new Scanner(System.in);
System.out.println("write held classes and total attends");
int heldclasses=sc.nextInt(), classes_attend = sc.nextInt(), studenattend;
if((classes_attend/heldclasses)*100>75)
{
    System.out.println("allow");
}
else{
    System.out.println("not allowed");
}
}

public static void main(String args[])
{
    //que1();
    que2();
    //que3();
    //que4();
    //que5();
    //que6();
    //que7();
    //que8();
    //que9();
    //que10();
}
}
```