

## 1. Is Nested simple if permitted

Yes permitted

```
import java.util.Scanner;
public class Demo1 {

    public static void main(String[] args)
    {
        Scanner scan=new Scanner(System.in);
        System.out.println("enter the numbers
to know about languages");
        int a=scan.nextInt();
        if(a>40)
        {
            System.out.println("Java is a
platform independent language");
            if(a<30)
            {
                System.out.println("C is a platform
dependent programming language");
                if(a<=25)
                {
                    System.out.println("both languages
are good ");
                }
            }
        }
    }
}
```

## 2. Is nested if else permitted

Yes permitted

```
import java.util.Scanner;
public class Demo2 {

    public static void main(String[] args)
    {
        Scanner scan=new Scanner(System.in);
        System.out.println("enter the numbers
to order food");
        int a=scan.nextInt();
        if(a>5)
        {
            System.out.println("chinese food
orderd");
            if(a>10)
            {
                System.out.println("north indian
food orederd");
            }

            else

            {
                System.out.println("please have
your food ");
            }
        }

        else
        {
            System.out.println("food is not
available");
        }
    }
}
```

### 3.is nested if else permitted

Yes permitted

```
import java.util.Scanner;
public class Demo3 {

    public static void main(String[] args)
    {
        Scanner scan=new Scanner(System.in);
        System.out.println("enter the marks");
        int a=scan.nextInt();
        if(a<45)
        {
            System.out.println("failed better
luck next time");
        }
        else
        {
            if(a>70)
            {

                System.out.println("congrajulation you got
first class");
            }

            else
            {
                System.out.println("Result is 1st
class");
            }
        }
    }
}
```

#### 4. Nested while

Yes permitted

```
import java.util.Scanner;

public class Demo4{

    public static void main(String[] args)
    {
        Scanner scan=new Scanner(System.in);
        System.out.println("do you know
coding");
        Boolean like = scan.nextBoolean();

        while(like==true)
        {
            System.out.println("if you know
coding helpful ");
            System.out.println(" are you learned
full stack ");

            Boolean choice = scan.nextBoolean();
            while(choice==true)
            {
                System.out.println(" full stack
is a trendy course");
                choice=false;
            }
            like=false;
        }

    }

}
```

## 5. Nested do while

Yes permitted

```
import java.util.Scanner;

public class Demo5 {

    public static void main(String[] args)
    {
        Scanner scan=new Scanner(System.in);
        System.out.println("do you know
coding");
        Boolean like = scan.nextBoolean();

        do//while(like==true)
        {
            System.out.println(" if u know it is
good ");
            System.out.println(" are you learned
full stack ");

            Boolean choice = scan.nextBoolean();
            do //while(choice==true)
            {
                System.out.println(" full stack
is a trendy course");
                choice=false;
            }while(choice==true);
            like=false;
        }while(like==true);

    }}
}
```

