

Program with parameter and with return type.

→ modifiers return type name (formal args)

{

return type

}

add two numbers



Program public static int add(int a, int b)

{

return a+b;

}

class add

public static int add(int a, int b)

{

return a+b;

}

public static void main (String[] args)

{

System.out.println (add(a:10,b:20));

}

}

If we want method to be executed, then we should call the particular method by using the Signature method.

Types of Method call

- ① chain Function call
- ② Sequence function call

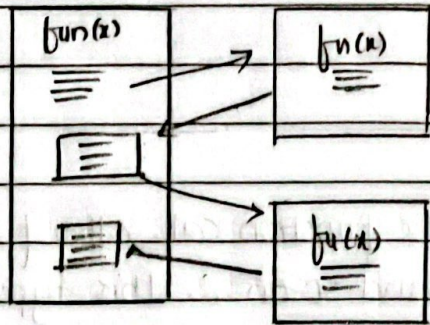
① Chain Function call : When one function calls other function, that function call another function and so on.... this type of calling we will say it as chain function call.

Program :

```
Class chain
{
    Public static void main (String[] args)
    {
        test();
    }
    Public static void disp ()
    {
        System.out.println("displaying...");
    }
    public static void test ()
    {
        disp();
        System.out.println("testing ....");
    }
}
```

O/p displaying...
 testing

Sequence Function call : When one function calls more than one function is called as Sequential function call.



Program :

```
Class Demo
```

```
{
```

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

```
{
```

```
add (10,20);
```

```
mul (2,3);
```

```
}
```

```
→ System.out.println(add(10,20));
```

```
→ System.out.println(mul(2,3));
```

```
Public static int add (inta, intb)
```

```
{
```

```
return a+b;
```

```
}
```

```
Public static int mul(inta,intb){
```

```
return a*b;
```

```
}
```

```
}
```