Day 14

(2) using Method:

collection of stmt will perform particular task

4 ways to create method:

(1). Method without Parameter & without return type

(2) Method without Parameter & with return type

(3) Method without para of with return type

(4) method with paramt of without return type

(1) way: without Paramter / without returntype:

```
package OOPs;
public class Methodpgm2 {
    public int add()  ----> Paramtr.
          (void)  L-> Method name
    {
        int a=4, b=30;
        int c = a+b;
            sysout (c);

    }

    psvm {
        Method Pgm2 v= new Methodpgm2();
            v.add();
    } }
```

(whatwe are passing)

(2) with Paramter of with Return type: (output to which dat...)

```
public class Method Pgm2. {

    public int sub() --> (int a, in...
    {
        int c=a-b;
            return c;  --> if retur...

    psvm{
        object creat   sysout (v...
          v.sub();
    }
}
```

(how variably are passing theiry Paramts.)

(paramt = store value receive)

Return → return value to main method.
→ method value return to main method.

(3) without Parameter and with return type:

```
public class multi pgm2 {

    public int mul()
    {
        int a=30, b=20;
        return c;   c=a*b;
    }

    psvm
    {
        int result = multi.mul();
        sysout(result);
    }
```

(4) with Parameter of without return type:

```
public class multi pgm2 {

    public void mul(int a, int b)
    {
        int c = a*b;
        return c;
        sysout(c);
    }

    psvm{
        int n1=10;
        int n2=20;
        mul(n1*n2);
    }
```

Parameter:

→ declare in method definition

→ public int add (int a, int b)

Argument:

method call value;

→ int result = add (5, 3)