

## Exercise 4

### Task1

Output is 3.

After replace the init() method with a constructor.

```
----jGRASP exec: java Q1Main
3
----jGRASP: operation complete.
```

### Task2

a)

Staff
<ul style="list-style-type: none"><li>- String name</li><li>- String <u>staffId</u></li><li>- <u>double</u> salary</li><li>- <u>int</u> <u>workingDay</u></li></ul>
<ul style="list-style-type: none"><li>+ <u>setStaffInfo</u> (String nm,String id,int wDay)</li><li>+ <u>calculateSalary</u>()</li><li>+ <u>double</u> <u>getSalary</u>()</li><li>+ String <u>getName</u>()</li><li>+ <u>Sstring</u> <u>getStaffID</u>()</li></ul>

b)

```
----jGRASP exec: java teststaff.TestStaff
Enter your Staff name:
>> Ahmad
Enter your Staff ID:
>> 65748
Enter your Staff working perDay:
>> 85
---Staff Info---
Staff Name: Ahmad
Staff ID: 65748
Staff working per day: 85days
Staff salary:RM2975.0
-----

----jGRASP: operation complete.
```

### Task3

```
run:
Enter your staff name:
najwa
Enter your staff ID:
fc2001
Enter your staff sales:
4500
Enter your hour works:
200
-----Staff-----
Staff Name : najwa
StaffID : fc2001
Hours Work : 200
Total sales : RM4500.0
Total Salary : RM2275.0
-----
BUILD SUCCESSFUL (total time: 21 seconds)
```

#### Task4

run:

Enter your staff name:

najwa

Enter your staff ID:

fc2001

Enter your staff sales:

4500

Enter your hour works:

200

Staff Name : najwa

StaffID : fc2001

Hours Work : 200

Total sales : RM4500.0

Total Salary : RM2275.0

BUILD SUCCESSFUL (total time: 19 seconds)