# OODP Workshop 7

Modularizing (or breaking down) of code into methods is used so that code becomes reusable, easier to read and also easier to debug.

1. Find definitions for the following terms as they relate to Java programming:
   1. Parameter

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* 1. Method

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* 1. Return value

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* 1. Method signature

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1. Consider the following method:

public static int addValues(int x, int y){

System.out.println(x + y);

return (x + y);

}

* 1. What parameters does the method have?

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* 1. What are appropriate values for the arguments when this method is called?

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* 1. What is return value?

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* 1. Provide one example of how you might call this method

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1. Consider the following method:

public static void addValues(int x, int y){

System.out.println(x + y);

}

* 1. What parameters does the method have?

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* 1. What are appropriate values for the arguments when this method is called?

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* 1. What is return value?

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* 1. Provide one example of how you might call this method

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1. Practice modularization

**Objective of this activity:- converting given code to modularised code**

Open menu.java and do following tasks:

* Create a method to display menu that will display the menu which is given in file and ask to enter their selection and return that selection to calling method. Call this method in main method where there is a need to print menu.
* Move the switch case to a separate method which will take menuSel as input and print necessary details. In case 1, ask user to enter their name and age, in case 2, print the details of user and case 3, terminate the program.