Method Area :

* Once we load a class then the class will be loaded inside method area and it returns Java.lang.Class class Object.



From this Java.lang.Class class Object, We can get complete information regarding the class

Class cls = Class.forName("Sample");

ds.getName(); -> Get the name of the Class ds.getPackageName(); -> Get the name of the package ds.getPackageName(); -> Get the name of the package ds.getDeclaredNethods(); -> Will give you complete method list ds.getDeclaredFields(); -> Will glive you complete field list

1) public String getName(): Will provide the class name
2) public String getName(): Will provide the class name
3) public String getName(): Will provide the class name
3) public Method[] getDeclareRelPethods(): Will provide list of methods; return type is Method[]
3) public Method[] getDeclareRelPethods(): Will provide list of methods; satisfable in your long reflect sub package.

**PotName(): Provide package.
**Pethod dass has provided a predefined method called getName() through which we can get the name of the method.

**PotName(): Provide Provide

4) public Field[] getDeclaredFields(): Will provide list of Fields, return type is Field[]. It is available in Java.lang.reflect sub package and provides a predefined method called getName() to get the name of the field

It stands for Program Counter Register.

In java environment, we can craete multiple threads.

In order to hold the currently executing instruction of each thread we have a separate PC register.





IS-A Relation : class Vehicle { class Engine class Car {
 private String carName;
 private int carModel;
 private Engine engine; //HAS-A Relation
}

If we take class name (Engine) as a property to another class (Car class) then it is called HAS-A Relation

* HAS-A Relation we can achieve by using Association concept

It describes the relationship between two classes which is established through **Object Reference**. It also describes how much a class knows about another class.

