**HashMap In Java**

**What is HashMap ? :**

* HashMap is a feature in Java which is used to store Key and Value pairs.
* Here Key’s are unique.
* We need to import HashMap class from util package in order to use in our java code.
* It is mainly used to reduce Time complexity.
* There are two regularly used methods in HashMap , They are:

1. put()
2. get().

**Syntax :**

import java.util.HashMap;

HashMap<key datatype,value datatype> map\_name = new HashMap<>();

**Example :**

**Code:**

import java.util.HashMap;

public class HashMapExample {

public static void main(String[] args) {

HashMap<Integer,String> IdMap = new HashMap<>();

//putting key and value pairs

IdMap.put(1,"Arun");

IdMap.put(2,"Balu");

//getting values with using keys

System.out.println("Name of student with id 1 is : "+IdMap.get(1));

System.out.println("Name of student with id 2 is : "+IdMap.get(2));

}

}

**Output :**

Name of student with id 1 is : Arun

Name of student with id 2 is : Balu

**Three Sum Problem**