Assignment No-5

Ref. No.: 41

Date : / /

Title Design and develop a context For given case study and implement an interface for vehicles. Consider the example of vehicles like bicycle, car and bike. All vehicles have common functionalities such as Gear Change, Speed up and apply breaks, make an interface and put all these common Functionalities Bicycle Bike, car classes should be implemented for all these functionalities in their own class in their own way

An interface in Java is a blueprint of class It has static constants and abstract methods. The interface in Javo is a mechanism to achieve abstraction. There can be only abstract method in the Java Interface, not method body. It is used achieve abstraction and mutiple inheritance in Java. By interface, we can support the Functionality

of multiple Inheritance.

It can be used to achieve loose coupling

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   Syntax
   interface < interface-name)
    11 declare constant fields
   11 declare methods that abstract
   11 by default.
 In this example, the printable interface has
 only one method, and its implementation
 is provided in the A class
  interface printable {
  void print ();
   class A implements printable {
   public void print ()
   1 System .out .println ("Hellow");
  public static void main (String orgs []) {
  A obj = new A ();
  obj print (); } }
Conclusion
Hence we have successfully implemented the
Java interface program.
```