**Date:23/10/2020**

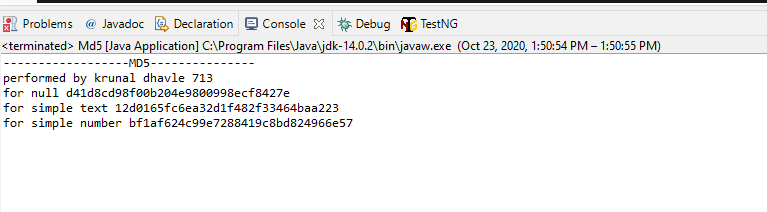
**Practical no 7**

**AIM:** Write a program to implement the MD5 algorithm compute the message digest.

**Code:-**

|  |
| --- |
| **import** java.math.BigInteger;  **import** java.security.MessageDigest;  **import** java.security.NoSuchAlgorithmException;  **public** **class** Md5 {  **public** **static** String md5(String input) **throws** NoSuchAlgorithmException {  String md5 = **null**;  **if**(**null** == input)  {  **return** **null**;  }  MessageDigest md = MessageDigest.*getInstance*("MD5");  md.update(input.getBytes());  md5 =**new** BigInteger(1 , md.digest()).toString(16);  **return** md5;  }  **public** **static** **void** main(String[] args) **throws** NoSuchAlgorithmException {  System.***out***.println("------------------MD5---------------");  System.***out***.println("performed by krunal dhavle 713");  System.***out***.println("for null " +*md5*(""));  System.***out***.println("for simple text " +*md5*(" krunal dhavle 713 "));  System.***out***.println("for simple number " +*md5*("291999"));  }  } |

**Output**

****