



BSEM

Title	:	Exercise 2
Due Date	:	9 th May
Lecturer	:	Mr Maher

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Student ID: : 110053917

Semester : 5th

Academic Honesty Policy Statement

I, hereby attest that contents of this attachment are my own work. Referenced works, articles, art, programs, papers or parts thereof are acknowledged at the end of this paper. This includes data excerpted from CD-ROMs, the Internet, other private networks, and other people's disk of the computer system.

Student's Signature : _____

LECTURER'S COMMENTS/GRADE:	<i>for office use only</i> DATE : _____ TIME : _____ RECEIVER'S NAME : _____
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Source Codes in Java PL:

```
//Maruf Islam
```

```
// ID: 10053917
```

```
// Program: BSEM
```

```
//importing hashmap libery
```

```
import java.util.HashMap;
```

```
public class hashTable{
```

```
    public static void main(String[] args)
```

```
    {
```

```
        System.out.println("\nA simple Hash datastructure program in Java language...\n");
```

```
        HashMap<String, Integer> myHash = new HashMap<String, Integer>();
```

```
        myHash.put("ID",110053917);
```

```
        myHash.put("Favorite_Number",123);
```

```
        myHash.put("Date",509);
```

```
        //displaying all data
```

```
        System.out.println(myHash);
```

```
        System.out.println();
```

```
        System.out.println("Getting values using 'get()' methods \n");
```

```
        System.out.println("Getting ID");
```

```
        System.out.println(myHash.get("ID")+"\n");
```

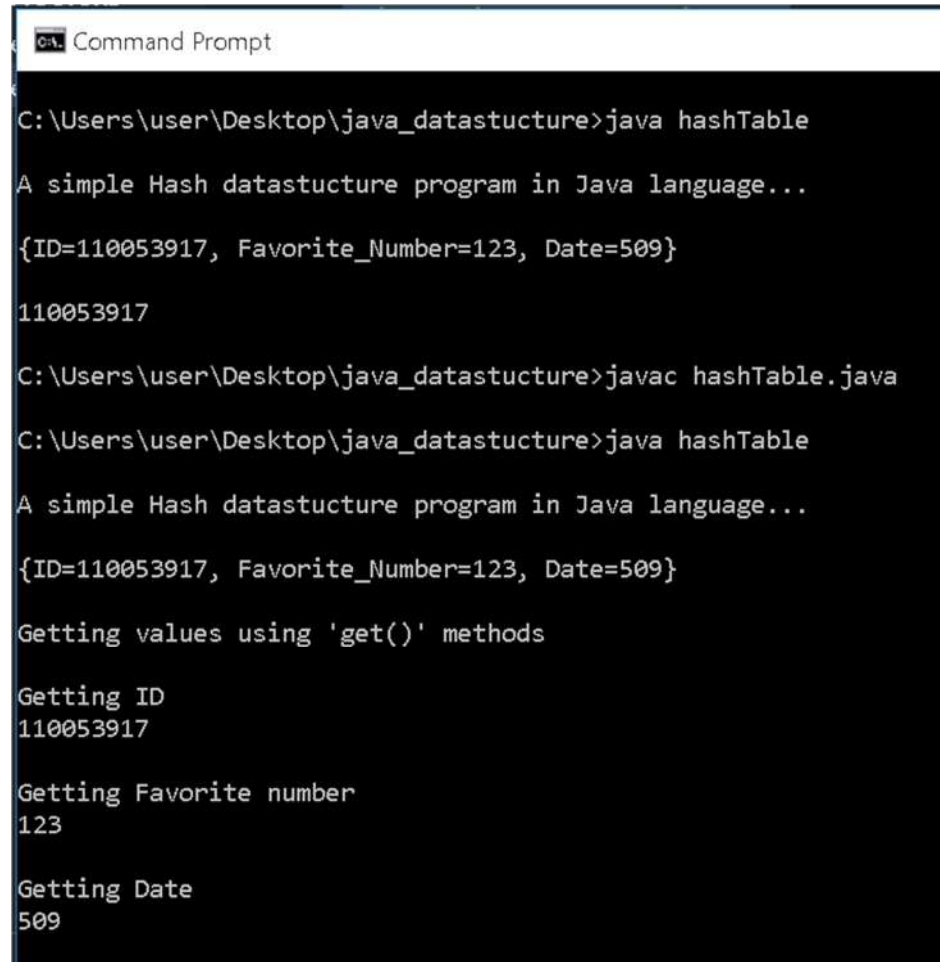
```
        System.out.println("Getting Favorite number");
```

```
        System.out.println(myHash.get("Favorite_Number")+"\n");
```

```
        System.out.println("Getting Date");
```

```
        System.out.println(myHash.get("Date")+"\n");
    }
}
```

Output of the Program:



```
Command Prompt

C:\Users\user\Desktop\java_datastructure>java hashTable

A simple Hash datastructure program in Java language...

{ID=110053917, Favorite_Number=123, Date=509}

110053917

C:\Users\user\Desktop\java_datastructure>javac hashTable.java

C:\Users\user\Desktop\java_datastructure>java hashTable

A simple Hash datastructure program in Java language...

{ID=110053917, Favorite_Number=123, Date=509}

Getting values using 'get()' methods

Getting ID
110053917

Getting Favorite number
123

Getting Date
509
```