

JAVA ASSIGNMENT

1. Create a repository in GitHub and push all source code of all exercises in it?
2. Write a Java program to print "Hello World".

```
package java;  
  
public class helloworld {  
  
    public static void main(String[] args) {  
  
        System.out.println("Hello World");  
  
    }  
  
}
```

OUTPUT :

Hello World

3. Write a Java program for declaring variables of all data types.

```
package java;  
  
public class declaration{  
  
    public static void main(String[] args) {  
  
        boolean a = false;  
        byte b = 10;  
        int c= 34;  
        float d = 67.2f;  
        double e = 12.3;  
        char f = 'A';  
        System.out.println(a + " " + b + " " + c + " " + d + " " + e +  
" " +f);  
    }  
  
}
```

OUTPUT:

```
false 10 34 67.2 12.3 A
```

4. Write a Java Program to find size of different data type

```
package java;

public class size {

    public static void main(String[] args) {

        System.out.println("Size of byte: " + (Byte.SIZE/8) + "
bytes.");
        System.out.println("Size of short: " + (Short.SIZE/8) + "
bytes.");
        System.out.println("Size of int: " + (Integer.SIZE/8) + "
bytes.");
        System.out.println("Size of long: " + (Long.SIZE/8) + "
bytes.");
        System.out.println("Size of char:"+(Character.SIZE/8) + "
bytes.");
        System.out.println("Size of float: " + (Float.SIZE/8) + "
bytes.");
        System.out.println("Size of double: "+(Double.SIZE/8) + "
bytes.");

    }

}
```

OUTPUT:

```
Size of byte: 1 bytes.
Size of short: 2 bytes.
Size of int: 4 bytes.
Size of long: 8 bytes.
Size of char: 2 bytes.
Size of float: 4 bytes.
Size of double: 8 bytes.
```

5. Write a Java program to check whether Java is installed on your computer.

```
package java;

public class check{
```

```
public static void main(String[] args) {  
  
    System.out.println("\nJava Version:  
"+System.getProperty("java.version"));  
    System.out.println("Java Runtime Version: " +  
        System.getProperty("java.runtime.version"));  
    System.out.println("Java Home: "+System.getProperty("java.home"));  
    System.out.println("Java Vendor:  
"+System.getProperty("java.vendor"));  
    System.out.println("Java Vendor URL:  
"+System.getProperty("java.vendor.url"));  
    System.out.println("Java Class Path:  
"+System.getProperty("java.class.path")+"\n");  
  
}  
  
}
```