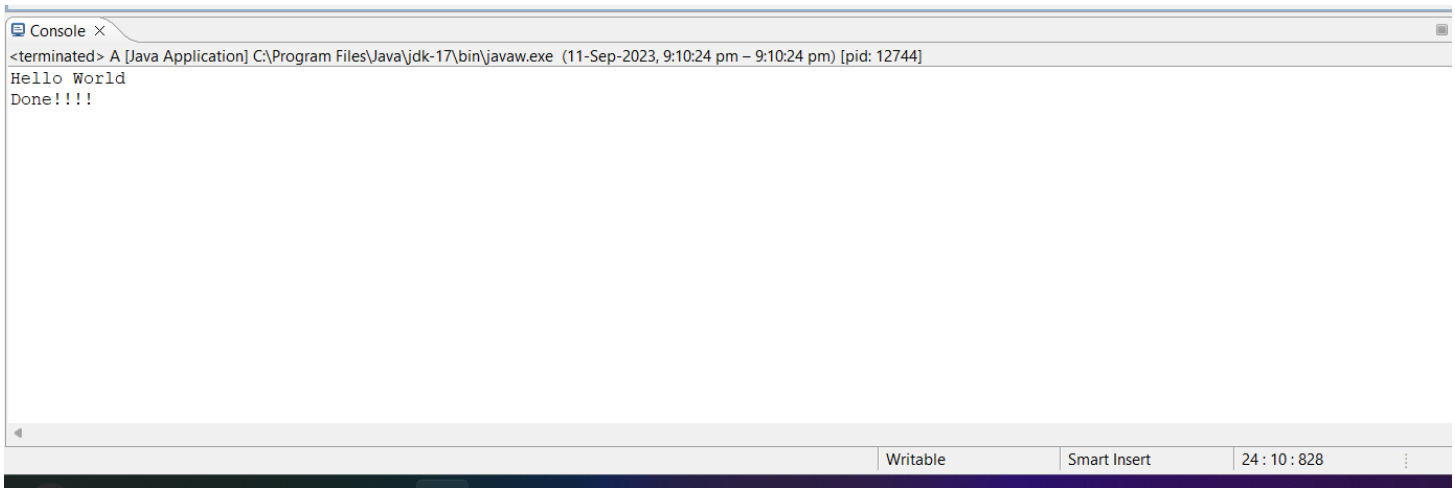
Q. 1) Write a Java program that creates three threads: A, B, and C. Thread A should print "Hello," Thread B should print "World," and Thread C should wait for Threads A and B to finish and then print "Done."

```
package Packgetype;

          //Q.1) Write a Java program that creates three threads: A, B, and C.
          //Thread A should print "Hello," Thread B should print "World," and
          //Thread C should wait for Threads A and B to finish and then print "Done."

public class A {    // created a thread A

   public static void main(String[] args) {
         B mt=new B();    //Created object for thread B
         mt.start();     //start method for thread B after printing Thread A
          System.out.print("Hello ");

     }

}

class B extends Thread{  //Created thread B and extends thread class

     public void run(){
          C pr=new C();  //Created object for thread C
          pr.start();   //start method for thread C after completion of Thread A and Thread B
          System.out.println("World");
          }
     }

class C extends Thread{  ////Created thread C and extends thread class

     public void run(){
          System.out.println("Done!!!!");
          }
     }
```

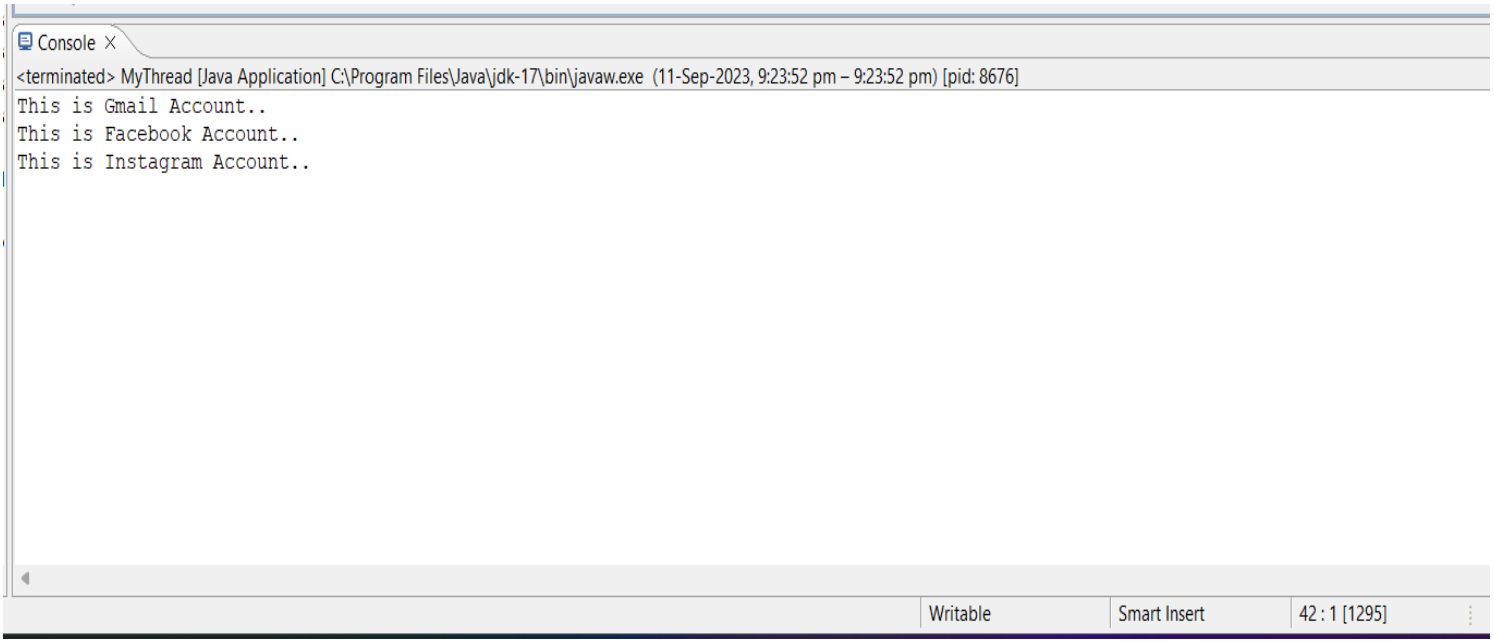
Output



Q.2)Create three threads for Gmail, Instagram and Facebook. Execute threads in sequence first Gmail, next Facebook and at last Instagram. In output, they should be in this order only.

```java
package Packgetype;

public class MyThread {
    //Q.2)Create three threads for Gmail, Instagram and Facebook.
    //Execute threads in sequence first Gmail, next Facebook and
    //at last Instagram. In output, they should be in this order only.

    public static void main(String[]args) {

    Gmail g=new Gmail();  //Created a Object for Gmail thread
    g.start();            //Start() method for execute Gmail Thread

    Facebook fb=new Facebook();//Created a Object for Facebook thread
    fb.start();           //Start() method for execute Facebook Thread

    Instagram in=new Instagram();//Created a Object for Instagram thread
    in.start();           //Start() method for execute Instagram Thread
    }

}
    class Gmail extends Thread{       //Gmail thread 1

    public void run(){           // run() method for Gmail
            System.out.println("This is Gmail Account..");
        }
}

    class Instagram extends Thread{  //Instagram thread 2

    public void run(){          // run() method for Instagram
            System.out.println("This is Instagram Account..");
        }
}

    class Facebook extends Thread{  //Facebook Thread 3

        public void run(){         // run() method for Facebook
            System.out.println("This is Facebook Account..");
        }
}
```

OUTPUT



Q.3) Write a Java program that creates two threads to find and print even and odd numbers from 1 to 20.

```
package Packgetype;

public class EvenOdd {
    //Q.3) Write a Java program that creates two threads to find and print
    //even and odd numbers from 1 to 20.

       public static void main(String[]args) {//main() thread

       Thread even = new Thread();  //Created a thread for finding and printing Even number
          for (int i = 2; i <=20; i+=2) {  //for loop for find even number

            System.out.println("Even Number from evenThread: " + i);      //printing i for
even numbers
          }


        Thread odd = new Thread();  //Created a thread for finding and printing odd number
          for (int i = 1; i <= 20; i+=2) {   //for loop for find odd number

              System.out.println("Odd Number from oddThread: " + i);   //printing i for odd
numbers
          }

        even.start(); //start() method for even numbers
        odd.start();  //start() method for odd numbers
      }
   }
```

Output