

UF3 Activitat5

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El programa utilitza fils, que quant arriba a un numero determinat de fils para d'acceptar-ne més

```
Thread[] arrayThread = new Thread[3];

for (int i = 0; i < arrayRunnable.length; i++) {
    Socket clientConnectat = servidor.accept();








    // Runnable
    arrayRunnable[i] = new ServidorTCP3(clientConnectat, servidor);

    // Thread
    arrayThread[i] = new Thread(arrayRunnable[i]);
    arrayThread[i].start();
}

}

@Override
public void run() {

    try {
```

Name	Value
 start() returned (No explicit return ...	
 args	String[0] (id=19)
 numPort	60000
>  servidor	ServerSocket (id=...
▼  arrayRunnable	Runnable[3] (id=26)
> ▲ [0]	ServidorTCP3 (id=...
> ▲ [1]	ServidorTCP3 (id=...
> ▲ [2]	ServidorTCP3 (id=...
▼  arrayThread	Thread[3] (id=27)
> ▲ [0]	Thread (id=34)
> ▲ [1]	Thread (id=38)
> ▲ [2]	Thread (id=42)
 i	2

```

@Override
public void run() {

    try {
        //FLUX DE SORTIDA AL CLIENT
        PrintWriter fsortida = new PrintWriter(this.client.getOutputStream(), true);
        //FLUX D'ENTRADA DEL CLIENT
        BufferedReader fentrada = new BufferedReader(new InputStreamReader(this.client.getInputStream()));

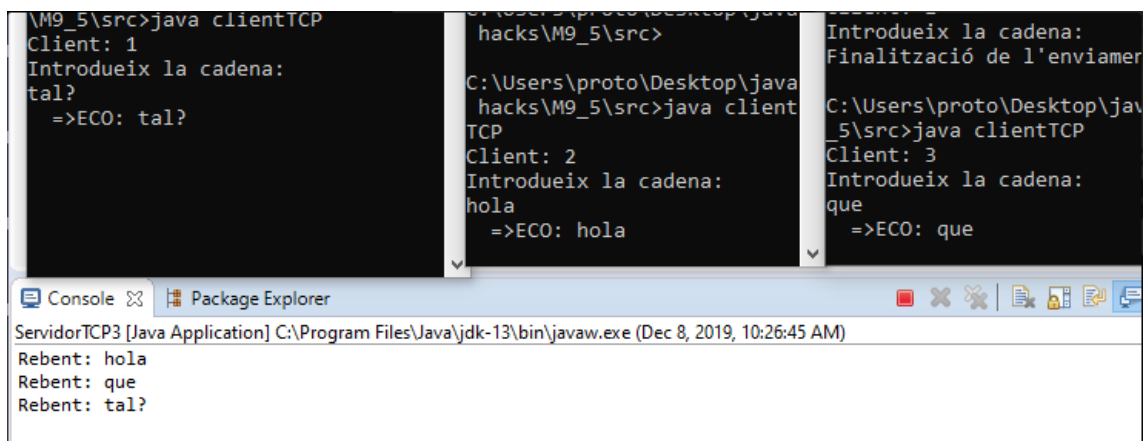
        fsortida.println("Client: " + this.numClient);
        while ((cadena = fentrada.readLine()) != null) {
            fsortida.println(cadena);
            System.out.println("Rebent: "+cadena);
            if (cadena.equals("")) break;
        }

        //TANCAR STREAMS I SOCKETS
        System.out.println("Tancant connexió... ");
        fentrada.close();
        fsortida.close();
        this.client.close();
        this.server.close();

    } catch (IOException e) {
        // TODO Auto-generated catch block
        e.printStackTrace();
    }
}

```

Al connectarse indica el numero del client



Afegeixes per arguments el numero de clients que vols

```

public static void main(String[] args) throws IOException {
    int numPort = 60000;
    ServerSocket servidor = new ServerSocket(numPort);
    Runnable[] arrayRunnable = new Runnable[Integer.parseInt(args[0])];
    Thread[] arrayThread = new Thread[Integer.parseInt(args[0])];
}

```

URL GitHub

<https://github.com/DavidDalmauDiegue/M9.git>