# CSE PCC-CS692 L SEC B - COMPUTER NETWORKS LAB

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Section: B1

Assignment-3, Date: 02/03/2023

**//Problem1:**

import java.io.\*;

import java.net.\*;

import java.util.\*;

public class port

{

public static void main(String args[])

{

Scanner sc= new Scanner(System.in);

System.out.println("Enter the starting port no.: ");

int start= sc.nextInt();

System.out.println("Enter the ending port no.: ");

int end=sc.nextInt();

int count=0;

System.out.println();

for(int i=start;i<=end;i++)

{

try{

Socket s=new Socket("localhost",i);

System.out.println("Port "+i+" is available");

count++;

}

catch(Exception e)

{

//System.out.println("Port "+i+" is not available");

}

}

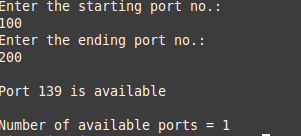
System.out.println();

System.out.println("Number of available ports = "+count);

}

}

**//Output:**



**//Problem 2**

import java.net.\*;

import java.io.\*;

public class ping

{

public static void main(String args[]){

System.out.println("Pinging status");

try{

InetAddress IPA= InetAddress.getByName("localhost");

System.out.println("Sending ping request to "+IPA);

boolean status=IPA.isReachable(50000);

if(status){

System.out.println("Status:Host is reachable");

}

else{

System.out.println("Status: Host is not reachable");

}

}

catch(IOException e){

System.out.println("Host does not exist");

}

}

}

**//Output:**

