	PAGE NO.
	Programs for 00J lab-2
1.	Java pgn to print "Hello World"
	Class Main
	3
1	public static void main (String augs [])
	\$
	System out printle ("Hello world");
	· §
	4
2.	impart java. Util Scannez:
	public class Main
	action of the control
	public static void main (string Dargs)
- (4) · (4)	inta,b,c;
	Scannel Sc = new Scannel (System in).
	System out println (" Enter the first number: ");
	a = sc. nextlnt();
	System out printle (" Enter the second number: ");
30	b=Sc. next Int();
	System out printly (" Enler the third number: ");
- 1	C=Sc. nextInt();
- (3)	4 (a7=b & xa7=c)
	System out printly (a + "is the largest Number"); clse if (b>=a && b>=c)
1	: dse if (b>=a && b>=c)
-	System out println (b+ " is the largest Number");
	System outprintin (c + " is the largest Number");
	7
	3

	PAGE NO. DATE / /
3.	import java util. Scanner;
	public class Main
	Sinh & public stational Main (String [) ages)
	System out print (" Enter the Value of n: ");
	$ \eta_r = s_{c.next} \ln t(); $
	System. out. println ("Numbers are: ");
	for(int i = 1; i < = n; i + 1)
	10==5(0)
	System.out.println(i);
	gc+1=1;d==1;e=1
	3
	I with the terms of the terms o
	(++): i=> (*)
6	Clase Main_
	Classifian
	Public static void main (String [] args)
	Simple state voice man (String 1 days)
	Scarrer Sc = new Scarrer (System.in);
	inta, b, i, j, count;
	System out print In In Enter lower bound or the
	al way Interval: ");
	a = Sc. nextlut():
	System out print In (Enter Upper bound of the
	Interval:);
	b=Sc. next /ut();
	System. out. print In [" Prime numbers b/w" "tat" &
	s for (i=a; i<=b; i+t)
	Court = 0;

	PAGE NO. DATE / /
	fon(j=1; j<=i; j+t);
	Count = count +1
	Count = count +1;
	if (count = = 2)
	System out. printle (i):
	Sc. Close ()-
	4
	3
(4)	import java. Uhl. *;
	plass Main
	\$
	public static void mais (String [] args)
	$inti_i i n k = 1$
	System. out. println(" Finter the Value of n."); Scanner DC = New Scanner (System.in); N = SC. Nextlnt();
	Scannes DC = New Scannes (System.in).
	n = sc. nextlut();
	$for(i=1;i\leq =n;i+1)$
	los / i = 1 · i < = i · i + +)
	for (j=1; j<=i; j++) System. out. print (k++); System. out. print (n n);
	System. out. print In (" ");
	3
	4
	7

1	
	PAGE NO.
=	DATE / /
5.	import java util. +;
	Class Main
	3
	mills about the state of the st
	Public static void main (String as 17 ags)
	int total is
	Scarne in = new Scarner (System.in);
	System out println (" Enter the CIE marks out of
	50");
	int CIE = in . next Int();
	System out printin (" Enter the SEE marks out of
-(100");
	int SEE = in. next lut();
	total = (CIE+(SEE/2));
	if (total > = 89) d sales
	& System. out. println/" You have Swored A grade");
	J (10 - 10 + 20 - 10) 1 1 1 1 2 1 2
	else if (total >= 80)
	& System out printer (" you have scored B grade")
	20
	clse i) (total > =60)
	& System. out printle /" you have scored c grado".
	2 sandilars
	else if (total >=40)
	E System out printly (You have scored D grade ").
	3
	else
	System. out print In /" you have so red E grade "?
	1
	X . 1

PAGE NO. DATE #include <stdio.h> # Mulude < String h > intiot; int advanced java; int advanced _data; type des Struct Andert & char name [50]: char conse [50]; } int main () & char elective 1 [50] = "Internet of things" Char elective & [D] = "Advanced Java And JZEEE". char elective 3[50] = "Advanced Data Structures": prints (" Course available are In It 1: Internet of things In It 2: Advanced Java And JZEEF In It 3: Advanced data Structure (n"); int n, choice; printy (" Enta the No of Students In"); Scang ("-/.d", &n); for (int i=o; i<n; i+t) printy (" Enter the Names Student /d ", (i+1)); Say ("/s", s[i]. name); print (" Ecuter the elective of student /d \", (it));
print (" enter your choice \n"); Strony (Sli]. course, elective 1); Stropy (S[i]. course, elective 2).

PAGE NO. Case 3: Stropy (Sli] Course, clictive 3); break: 4. flush (stdin); gran for (inti=o; i<n; i+t) } (clective) == 0) (clective 1, s ([i]. Conese, strlen course \n" s[i]. Name, s[i]. Lowese); if (strning (clutive 2, sli]. course, strlen (elective2) & printy (" Student of show selected for 1.5 course In", S[i]. Name, S[i]. course); and varied java ++; y printy (" Student to has relicted for I's comese 12", s[i]. name, s[i]. coulse); advanced -datatt; 4 prints (" * * * * * * \n"); thomas is the dia students Applied for Internet of gistis /ding jot); printy ("No of students Applied for Advanced java Ep Jake is 1-dell' advanted java); print ("No & student Applied for Advanced Data Structures is of d 10", advanced data); if (10+ < 30) · s for (inti=0; i<n; i++) if (stracmp(s[i]. course, clickvel, strlen (elictive1))=0)

	PAGE NO. DATE / /
	print (" 2's please select from the other two courses this course cannot be floated in scil.nam) print (" 2: Advanced Java And J) FEE in 3: Advanced
	prints (" 2: Advanced Java And J) FEE In 3: Advanced data Structures \n");
	print / Enter your new choice \");
	Scanf ("/d" & charce);
	· Switch (choice)
	(ale 2: Strong (S[i]-louise, elective 2); advanced = java tt;
	Case 3:
	Stripy (S [i]. Lowese, elective 3); advanced_data ++;
	break;
	2 2 2 · iii (advanced - java < 30)
	{ for (inti=0; i <n; (s[i]="" (strncrip="" 2,="" course,="" elective="" i+t)="" if="" strlen<="" th="" }=""></n;>
tasi,	(elective 2) = = 0) § print (" 1.5 please select from the other 2
	print (" 1. Internet of Things In 3: Advan data Structure
•	(na)
	Suy ("/d", & choice \");
	Switch (thoice)
	Case 1: Stropy (s[i]. couse; clickive 1); iot 47;
	break.

Case 3: Stropy (s[i] comeso, clickive 3); advanced data preat; (i) (advanced_data < 30) for (inti=0; i<n; i++)

if (strncmp(SIi], course, elective 3, strlen (clubive)3 Sprint / /splease scleet from the other courses (1), co [i] name); 1. Interest of Things In 2: Advanced Stary ("/d", & choice); to vanced data = 0; Switch (choice) Stropy (Bli]. course, elective 1); iot ++; break. Stropy (SI:7. come, elective 2); Advanced-jovatt. Printy (" to x * * After resolution * * * * 1) 1 No of Student Applied for luternet of things is Id (n' jot).

White of students Applied for Advanced Java

For Take is I'd (n') advanced java); printy I'No of Students Applied for Advanced data Christope is /d in advanced dota); printy (" * * * * * * * * h");

PAGE NO.

DATE / /

for (inti=0; i<n; i++)

Print ["/-s has selected 1/5 course \",

S[i]. name, S[i]. course);

3