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	DSA BOOTCAMP
	ASSIGNMENT
9.J	WAP to swap two nos.
$\Rightarrow$	#include (iostream)
	using namespace std;
	int main ()
	£
	int n1, n2, temp;
	Cout << "Enter 1st no.";
	Cin >> n1;
	Cout << "Enter 2nd no.";
	; (in >> n2;
	, CL 13
	Cout << "Before Swapping: 1" no:
	Cout << "Before Swapping: 1st no:" << no: "<< m2;
	temp= mi;
	$\gamma_1 = \gamma_2$
	n2 = temp;
	cout <<" In After Swapping: 1st no:"  << n1 << "2nd no.: " << n2.
	<< n/ << "2" no.: " ( 7)2 ;
	Seturn 0;
	3

	Page No.  Date
921	WAP to Jing largest no among theree nos. entered by the user.
( )	Hirchide (sostream) using namespace std;
	int main ()
	float n, n2, n3; Cout << "Enter 3 nos.:";
	$\frac{(2n)}{2} = \frac{(2n)}{2} = ($
	cout (("largest no!" (< n); else
	Cout << "Largest no : " << n3;
	else q if (m2 >= m3) cout << "largest no." << m2;
	Clsc
	Cout << "Largest no. " << n3;  Seturn 0;

937 WAP to check whether a year or entered by a user is leap year or # include (iostream > using namespace std; int main () int year; Cout « "Enter a year:"; if (year % 4 = = 0) if (year %. 100 = =0) ing (year %. 400 = =0)

Cout (< year (< " is a leap year";

else

Cout (< year << " is not leap year; Cout << Year << 11 is a leap year 11. cout << year << "is not leap year";

Paga Na. 94) WAP to display fibonacci series upto nth term # include < iostream> using namespace Std; Ent main () int n, t, =0, t2 = 1, next term = 0; Cout CL "Enter no. of terms:" (in >> n; Cout ( " fibonacci Series:"; for (int i=1; i<=n; i++) if ( ==1) Cout << ti << " " " " Cout << to << " , " , next term = +1++2; tout a next term (4" 11 return 0;

Pege No. 95] WAP to check whether a no. is Prime or not # include < iostoram> using namespace Std; Ent main () int i, n; bool is Prime = true; Cout << " Enter a +re integer: "; cin >>n; ig (n==0 || n==1) 18 Prime = false; for (i=2; i<=n/2;++?) ig (nº/0 i = = 0) 3 is Prime = fabre;
break; g (isPrine)
Cout LL n LL'11s a prime no!

else coent LL n LL " is not prime no". return 0; 964 Print this pattern using loops For n = 5 \* \* \* \* \* \* \* \* \* \* \* # include (iostream ) using namespace std; void triangle (int n) int k = 2 \* n - 2; for (int i=0; i(n; l++) for Cint; =0; jck; j++) Cout << 11 11; K= K-1; for (int j=0; j L=i; j++)

Ecout ((" \*"; Cout << end;

int main () int n=5; torangle (m); recturn 0; elements forom user & displays
the 2nd largest element from of an array. # include LioStream> using namespace std; jut main () jut n, num [50], largest, Second; cout << "Enter no. of elements:"; for (int i=0; icn; i++) Cout << " Enter Array Element" << (i+1)<< ":"; cin >> num [i];

if Enum [0] < num [1]) Aargest = num [1]; Second = num [0]; lor {
largest = num [0];
Second = num [1]; for (int i=2; i<n; i++) if (num [i] > largest) second = largest;

largest = num [i]; olse if (num [i]) second el mum [i]
num [i] | = largest) second = num [i]; cout «"Second largest element in array is" « second; return o

8] # Include < Cmath > # include LCStdio> # include < vector> & include (iostream) # include & algorithm> Using namespace Std; int main () int N,d;; cin >> N >> d; int start = N-d; int \* arr = new int [N]. yor (i=0; i<N; ++i) if (Start == N) start =0; ein >> aver [ Start ++ ]; yor(i=0; i<N; t+i)

Cout <<arr [i] << " ". return 0;

	Paga No.
107	# include < bits / stolc++ . h >
	using namespace std;
	Ent camelcase (String S)
	9
	int count = 1;
	for Cint i=1; i < Str. length ()-1
	(++)
	<b>{</b>
	if (i supper (str [i]))
	Count + + i
	3
	return count;
	3
	int main ()
	<u>{</u>
,	String Str = CamelCase";
	String Str = CamelCase"; Cout ( Camelcase (Strings) Jeturn 0;
	geturn 0;
	3
-	