CSA 0985 - Programming in JAVA for web Applications. 9.4.24 (E) Compagnency number . 1. Sun of National number till n. Output:-Pullic Class Dune & month in 3 processmen auss 3 la Paime numer Relaic Woodic boolean is Abun (int hum) ? Pullic sold void main (bring [] corgs) 3) Factorial of number of man is and is a man is ing temp; digit, sum = 0; { ! wh! ! why = 10! gmu = 0. tom po num; as while (tom p! = 0) { Rulic Static wood main (Staing Elangs) & bon (= 1; i <= num ; ++ i) { digit top 110; Sum = Run +i ; } Sun += thath pow Colgit, bosing values tomp /=10.) int nun = 5; Per (1=1, 1<= nmm; 1++) 8. System . Out printly ("Sum of nation as number = "+ Sum) (num) length ()) bact = fact * 1, 3 from == prof. 3: Syptom out Mundly (" factorial = "+ fact), 33 output:-Public Matic void main (6thing [] anga) { Owlput -Sun of natural number = 55 ind num = 153; Factorial = 120 Brine number 3 (caun) ano ai) fi 4) Resource the number Pullic Class Prime & (" rodowing prosecutioned of ". +. mus.) although this modely? Class Reverse S Pullic Batic void main (String [] corga) & Public Matic void main (String I] args) & 5 elso s int i, m = 0, 6kg = 0; Comment printer (num + " in not: Arange runday? in number = 987654 | Savour =0 int n = 3; while $(num! = 0) \xi_{1/21} = 0$ m = n/2; System.out. Prividin ing hem = min 110? 1 (n == 0 11 n == 1) { (n+" is not Prime number") merettel *voice - vare = vare 153 in Arm Drong Tunles. 3 clas & 60 (i = 2) i < = m ; i++) ₹ 2000 } 6) happy number Num = num /10 / 3 . if (ny. 1 == 0) ? == 1 10 = 11 31 cease Mappy & System out printed in ("Theward ="+ >) }} Public bootic int is Happy (int num) ? System . Bob . Position (n+"it hat Pointe munes"); " output: -केराचे अंतर प्रसंक महोत है। in the Some Og Sund = Og it is a so of the Revoied = 456789 blag =1; While (num >0) { break . 33 Control in the Dem = Alim y 10 if (blag == 0) { Dystem. och println (n+" ia Brime ; (met *med) + mus = mus number "). 3 3 } Jun = un / 10; 3 - 1... 1. 50, 75

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(b) Parfoct number.
                      nation Sum; }
                                                                                                                                                                                         import java will Scanner;
                                                                                                (3) Sum of aligit.
       Blutic Matic void main (String [] ange) ?
                                                                                                  impod java Util. Scannor;
                                                                                                                                                                                           Presic adalic veils main (String orga []) {
                                                                                                                                                                                          Class Portes E
                                                                                                  class Sum of Digit &
               inf num = 82;
               nun = fluidat fin
                                                                                                   3 ( Public Watic void main (String I I args )
                                                                                                                                                                                             long n, Dwn = 0;
               3 (1. = 1 strate 1 of 1 = 1 fluxed) slipe
                                                                                                    ind num, digit, sum = 0;
                                                                                                                                                                                            Scannon Sc= now Scannon (System in);
                                                                                                   Scannon Sc= new Scannon (Symbon-in);
                                                                                                                                                                                            System ect. Point (" Enter the number: ");
                    F. ( Dudor) pagaph ai = Dudore
                                                                                                   Sylvam-out Printe ("Enter the number:");
             (1== sensol) fi
                                                                                                     Tum = Sc-neralno ().
                                                                                                                                                                                             n = Sc. next long ();
      System out printlen (nun+" in happy number");
                                                                                                   while (rum>0) }
                                                                                                                                                                                              ind := 1:
         - elso if ( Growler == 4)
                                                                                                      digit = num 1.10;
                                                                                                                                                                                              While (i<=1/2) {
                  System. Out printer (num; " is not happy
                                                                                                      Sum = Sum + digit;
                                                                                                                                                                                            if (n 11 == 0) {
        number "). 33
                                                                                                      nun = nun ./10. 3
                                                                                                                                                                                                  Sum = Sum +i ?
       ongbrg: -
                                                                                                     System out . Prinkly (" sun of digits:" + sun); 33
                                                                                                                                                                                             if (sum = = n) {
       82 is a happy number:
                                                                                                      Buf Pub :-
                                                                                                                                                                                             Eyeton ed Pringly (U+ "is barbed unique"); }
                                                                                                     358 = redmen at com3
                                                             · Viller and the
7) Palindrome
                                                                                                      Sum of digita = 21
      Class Palindrome {
                                                                                                                                                                                                  3.3 (" realment before then si"+n) attrict the molecy?
                                                                                                     a) are the numbers divisites by 5 or 7 ber a given
         - Public - Madic void main (String II) argan) {
                                                                                                                                                                                              Brog Grag: -
                                                                                                      rumber.
            into so, Dum = 0, tomp;
                                                                                                                                                                                               Enter the number = 28
                                                                                                     import java. util. ";
      erind n=454; id our incomment
                                                                                                                                                                                               28 ja a porto number.
                                                                                                      closs main &
              tamp =n;
                                                                                                       Static int wm (int n) &
                                                                                                                                                                                              (11) Jilonacci Edies
               While (0>0) {
                                                                                                        β( ++1) (1+ n>i (1+ )ξ
                                                                                                                                                                                               Class Zivenacci &
                91 = 1 7.10, 10 will see the 1
                                                                                                         16(115==0 11 1177==0)
                                                                                                                                                                                                3( Special Distriction Bridge Palace Palace Palace Police 
                 Sun = (sun * 10) +91;
                                                                                                        System. ad. Print (i+" "); }
                                                                                                                                                                                                 in n1=0, n2=1, n3, i, coud = 10,
                  n=n/10,3
                                                                                                             E'u versage
                                                                                                                                                                                                 System . Aud. Point (n1+" "+n2);
                  if (Doin p == Duin)
                                                                                                       3/[[] again orion main (String ango [])?
                                                                                                                                                                                                  60 (i=2; 1< (out ; i++) {
        System. Out. Print In ("Palindrom & number").
                                                                                                           int N= 50.
                                                                                                                                                                                                         73= n1+ n2;
         elso
                                                                                                             58; (u) mun
                                                                                                                                                                                                          System out Print (" "+13);
         sylthan out printer ("not palindreme"). 33
                                                                                                      ontheres.
                                                                                                                                                                                                          n/= 02;
                                                                                                       5, 7, 16, 14, 15, 20, 21, 25, 28, 30, 35, 40,
                                                                                                                                                                                                           n2 = n3; 333
         Palindrome number.
                                                                                                         42,45,49,50
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Applications and GCD (b) Jahrenheit to Colcius import java.io. +; bon (int j = i -1; s >= 0;j --) Public Class Colsius ? E; ([] murril) Givey. are malaye Public Malic void main () Dring [] angle) ? Class main & thelic Walic int god (int a, inter) ? Public Books void main (200 ing [] angs) { { pool , 7, C; if (b==0) in n = 17; 7=43 gration a. C = ((J-32)*5)/9. system. out printly ("Decimal - "+n); System and private ("Temporation="+ ();33 System out grind ("Bin dry - "); Sayou deg (or a ver), & dec To lin (n):33 Alatic in LCH (ind a, ind D.,) rd god value) { OLDPID:out put -Tamporation = 6.1111 Sudvin Math also (at a) / god value; 3 (17) Sum of edd and evan runler Decimal - 17 " Public Matic void main (Splaning [] anga) & Binony -10001 import java io. *> int a = 20, l=30, 900 value, Binary to Decimal Profic Class main & Public Bootic void main (Spring [] angs) { gcd value = gcd (a, &); Public class Bintodas { in n = 8; System out printer ("GCD=" + gcd value); Pullic partic void main (Spring [] angs) { int over Dun = 0; System at printh ("Len =" + lama, e, god-System out printly (integr. pour lie ("1010", 2)); 0= mabbo thi rooms). 33 bon (ind i= 1), i <= 2* n; i++) { Owno. owput . ib((1 & 1) = = 0) GCD = 10 Oven Durn + = 1; 3 System out printer (" pun of even number" LCH = 60 (15) Colsius To Johan Heit. 13 Decimal to bincom class tamponaturo & + Oversum); Import java io. "; Pulsic block void main (Spring args []) system at printle ("sum of odd number = "+ oddawn); Class main S { conid of the day } Spalle void abotation (int n) & Colsius =13; OUPPUR: -Sun of even number = 72 INTED Linnin = now in [1000]; Jahrenheit = ((Casina +9)/5)+327/ sun of odd number = 64. System and Paintern ("Tomporchion in Ja Monthey" ind i = 0; while (n>0){ + Jah Sunheit). 33 Windy nun [1] = n 1. 2; oweput n=n /2; Temporature in Jahranhait = 55.4, 1++;3

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હ)	Deep year.	output:-	(2) anyoned united
	impose java 10 *;	enton your age = 19	^
	Impat java util Scorer	you are aigilion by who	Claus Annutation of ? Public booling void main (Gesting [] Orgs)
	Pullic Class main {	20. Sum of Equate Front . Cubic Front of number.	ing num = 153;
	Public blothic void main (abring [] angs) {	Import java long. Hash;	ind form p = num;
	ind years = 2012	Plan main S	ind sun =0;
	Stanner Son = new Stonner (Dystom.in)	3 Capro [] privila,) nion biev shoka such	ind som;
	year = Sin next in ();	double num = 64.0	while (temp! = 0)?
	if (cyear 1400 == 0) 11 (lyear 14 == 0) 6x	doubles captato= Hoth Saper (num);	Sun += Math fow (Sun, 3);
	(year 1001 = 03)) {	doubles Chaic = half class (rum),	toub /= 10, 3
	Eyoban. Out printer (your +" leap your "); }	double sam = Square + Cubic;	?C must == Dun)?
	50.40 \$	25.3 cm ext. painten (" sum = "4 sum); 33	System ou printed (num +" 10 an commoditions
	Syllon out Privale (year +1" non-100p yoar 11.7; 3)	Output:-	rundon") 3
	ouple: -	Sum = 12.0.	P0An & -
	2012 leopyour.	21. Vower and Constationary	Eyostama do printen (num + "ia not amatong
		Class voull &	number "); 3 33
1	Pligite to voto import java til Scannon;	Public Waric void main (Gthing [] ange) {	OLDRO:-
	Public Class Voling &	Chan ch = i';	153) a considering number.
	Scapic To grivella) nion Gier Disord	if (ch == 'a' ch == 'e' 11 ch == 'i'	(9) Divisible by 5 and 7.
	intrage;	$ch == 'O' \parallel ch = 'u' $	
	Scannor Sc = new Scannor (Bystem. in)	Boso Sydon out polos (C) + " i'e voud")	Public bealic void main (lithing [] cogs) {
	Symbon . out . Print (althor your ege =");	System out Privally (Ch+" To Constan Consenant	
	age = Sc. newling ();	25	60 (ind i= 1, 1 <= 0; 1++ x
	:1 (000 5=18) }	OLDPUB: -	1 CO == 0 N i V. 7 == 00) 8
	Syptiam out printer (you are eligible for vone	i to se vaid	System our printer (i); 3333
	PO AO &		
	system out printen ("You are not eligible for vol	• 1	SUBJED!
	3 33		5,7,16,14,15,20,21,25,28,30,35,4
l			42,45,49,50.