02.10 Computing & Ethics. What is Computer Ethrics 7 and as well as society at large. The act or behaviour though which computers are used Intellectual property: Example - Music albem.

Intellectual property rights:

- Both unding

- Softwar swelpned

The developer/witer/singer has absolute acute on by

to distribute/sell/modity the product. To preserve intellectual properly rishts i) Trademan Symbol to identify a product/
Company. i To
Congright - Soffware, book, co, --..

iii) patent -> Device, Formula

Individual rishts to privacy

Piracy => Using unauthorized Aftward. Software counterfeiting => minor change -> Sell in

Renting => purchase => Renting Hacking =) Un authorised access to others date base Intund & External threat. How to maintain system

192,384,576

2nd=2×15t

(ontains

2nd=3×15t)

1 +0 9

273 546 819

327 654 981

1) Wap to Check a number is unique humber or not 123 V 522 X

2) Wap to accept a number and remove a dirt in all occurate of the number and display the new number - 68389, 8 when 639

3 WAP to convert an octal number to dearmal number. (135) \rightarrow (135) 1×8 + 3×8 + 5×8° = () 09/10/1) WAP to accept a number and display the distinct prime factors

of the new sec. 75 > 3,5 2) WAR to print 15t n non fibernacci turns n=5 -> 4,6,7,9,10

·1, 1, 2, 3· 5-1.8, 13 1 void-main (int n) fint i, j, a=1, b=0 c j = b + 1 j j L c j j + 1a - b)

vrid main (Scanner sc= S-op ("No of numbers"). N = sc. neet Int() 5.0 ph-(" Enter the fint nube"). num = Sc. neet Int(), int max = non, min = nom, fa (int i= 2; i = n; it+) 5-0 ph ("Liphon + mo). 5-0 ph ("Lewon - "+ mi). , ren= sc. neet Int() if (nur) moe) moe = mm; zmin: mis

Void main (int nen) int 1, flog = 0 for (i=2j i l: nm; if (num -/. i = = 0) if (fly==0) S-0.p(i+"); num=nm/i; fly=4; eise 2 -1 ++ 2 +15=0i

3. Wal to generate all the n dist numbers for which 1st disit and last disit are same. $n=4 \Rightarrow 2352$ 4. WAP to find the highest and lowest of h numbers. n=5,2,15,6,18,7 hisher = 18, lower = 2

23.10 DAmicable number > 220, 284 2) Hamming distance blu 1 Sum of L
factors two numbers (binam). diff = 0 1111 diff + + -> diff = 2 (Hemmin Dub) 3. Vil number > If the binary equivalent
Of a number contain even number 1 0f 1
5 -) 101 -1 Fill

4. Keith number > 1+9+7=17 9+7+17 = 33 7 + 17 + 33 = 5717 + 33 + 57 = 107 → 1+9 → 10 → 10+9 →

void main (int a, intb) 1 int i 2 vm1 = 0, 1 vm2 = 0 j for (i= 1; i(= 0/2; i++) if (a-1.i==0) 8 m 1 + = i j for (== 1; i (= b/2; i++) 1+ (b/·i==0) 1 um 2 += i; 5.0 pln("NAtion");

void main (int num) int count = 0,d; While (nom) () d d= nm/2; if (d == 1) count ++; nom/= 2; if ((nmt # 2==0) 5-0 p ("Evil nm"); elsesop ("Not ail mai)

24+ 74+24+WA WAP to check a fiven number armohing/ $\text{pumber or not.} \quad 153 \rightarrow 13+5+3$ 1. num 2· >0 3· i/= 10 -Void main (int nem) 135 - 11+32+53 int d, count = 0, i, cory, en=0; J. (int) Math. pow (d) eory = new ; $for(i = \frac{1}{2})$ count + tif (- == &mr) While (___)

{ d = cor7 /- 10 ; S.0 p ("Ammy");
chie S.0 p ("14A Amm'). Sm= sm + 2 m7 /= 10;

Octal, Hexadecimal, Binery number as per the supplied base valuel. Void main (int num, int base) 125, 2 -> Birmy 2. d+ str

String str="" | 125, 16 -> Hexa. 3. Num/= base

int d

[While (num) 0) s while (num) 0) S.0 pln ("Équivalent non" +

Str

(4) if (d) 9) else sh = (chan) (55+d) + nti 3h= (2)

65 - A 53+12 =47 T While (172)D)
{ d= 172-1.16 66 - B 10 - A 67-C 5)9 -1 A,B,C 3 H= C+ "" enc Sh=d+sh Generic form hun = run/baxj