Prendovodes 1) #include ziotream? Using namique Ad; return oj dw Infinite doop integer a, b, c, 2, y, 2, p, 9, 2, Set x=5, y=10, 7=15; Set p=10, 9=20, 7=30; a=x+p; 0=5+10=15 b= 10 \* 20= 200 C= 30/15= 2 15 200 2

uale (n-1). End function dale Any valu(int n) > valu(3)

Es Print 3 Ly ialila) 13 Print 2 L) walle) 1) Pretrun 1 1) Print 2 L)Bint 3 321123 #include < stdio.h int main() int 7:4, y=5, z=6; if (2+y72)

paint ("ofod; 2); print (2)) So, 4 will be printed. Enlude Carlis ho # neudoc statio.

return fun(2, y, x); if (2>y ded 2>2)

return fun (2, y, 2); ent main () int a=10, b=15, c=20; your Ca, b, c) a) 25 20 30 b) suntime error. e)10 15 20 d) noire of the alone The function for will keep ealing itself former with the same ardinects bleaux there is no box car to stop recursion. It is an suntime Esser.

6) #include < stdio. h if (10/02==0) seturni) int main() y print (". 1. d', for (a));

2) r h 10 () L d) none of the above fals, our value of i is 11. 110/02= = = X else return fun(i-1) = 101/2==01 print ( 10) An 10

Menchedoc staio. h> int fun (int i) retrira funci-1); int main () int a-11; Printf ("o(od", fur(a)) ill be If LOC = - I do ITEM NOT FOUND.

Do Something (DATA, N. ITEM, LOC) initialize counter set LOC=0, LOW=0, HI=N-1 [Search for item] Repeat while LOWS HI MID = (LOW+HI)/2 IF ITEM - DATA[MID] do LOCHMID Return LDC RF TIEM = DATA [MID] HI=MID-1 ELSE LOW EMADTI

The element in an away should be in the #includecoldio. W int main () int 2=12, y=10, z=13; y . Hy 2 ? parts (" of ed 12); The ternary operator used in the cool is Condition? If true: if Jalu Set a = 3; b=5; c=1; a-a+b+c/2; 4(arb).... Print Prine Video b = 8+ 3/2 = 10 1/(8>10) X Prine video

in the main() ent num [ ] = 81,4,8,12,19% ent i; a = num; b=num+2; i= \*att 1) 1, 4, 8 b) 4, 1, 8 c) 2, 1,8 d), 4,10 يا و When we have stored num in a it mean that we have stored numbo) is I ina stored num [2]=8 Now in i, I will get Hored and then a will get increwarded Now a num+1 in a++ 804 will get Mans 194 in it and its previous value while is I i=1 47 a=4 b=8 1 mula 100 miles

Finelude Staio L 12) Ent main (2 "Royal Par", i++); break retur 0; print Rayal Pas 4 times b) No, compile error but is will run into an infinite loop printing longal Par No, compile error but it'll de not print loyal far. In every iteration the value of i is petting invent

Himlude & iostream > using nameropaie 1th; int 2=0,y=1; returno; Infinite loop #include stdip.h> int main() r but it ant isty; int 2=4, y=0; gal Pas Z=(x++ + ++y + y++, x++);

printf("olodla, 2);

return 0; end. world

Ainclude Hdio.h 3 return fen-1); print ("Result: 1.d. fl 50))) acturn 0; The rode is a basic application of recursion technique blick pints a user sequired result, the function of line on will keep on calling itself until the value of n becomes of, and then finally it will print ("/.d", of (10)); #include stdio.h> of (n==0) completine error infinite loop return n+f(n-1); Int main () 10+9+8+7+6491