Rainbow Assignment no: 2 C.1 int num : 20; if (num 720) (
point+ ("num is greater than 20"); point+ ("num: 1.d \n'; num); > Eleang: expected ') before 'num inta=10, b=20; 0-2 it ((assb+t) sf (a++ 11++b)) ites (10 ff 20) 83 (10) 24 Don't core become : it(1) it was is executed 0/p:- 11 out of it int il (=15, olc = 25 0-3 if cold silds point (" olc: y.dln", olc it (oilc cold); (Printf ("ilc: Mdln", ilu); printf("010: .f.d\n",010); print(" ilc = 1.d/n", ilc);

Rainbow. First it is correct. Therefore its block get executed.
second it is followed by; there below duline are executed. 010: 25 110; 15 010:25 11C = 15 bool val= False, vor= true 0.4 if (val); (print ("toue"); if (100) { printf(" False); First it is followed by; there fore next block is not past of it, and it get executed second it is always but as it contain it (bue) therfore it get executed. output: - true faise felse du above is correct it we write BOOI intead of bool in C = output: - emos unvnoun type name 'bool'; did you mean 1 BOO!

Rainbow PAGE: DATE: / / Q.5 Hoat X=5-2 4=10.13 0 if (X = = 1.5) { Print ("In: MidIn", N) if (A==10.1); { printf("y: 1.d lo", y); first if get executed and second if is consider as it is inside it and it also get executed Warning - Wing chai expect any of type int but \rightarrow output: $\chi = 5-2$ 4 = 10.5 first it doesn't get execute belouse / float= X = 5.2 internally it 1) 5.2000001 output -> Mooutput SUBVOI = 15 4 06 if (5ubua) + + + + subva) --) @ OUApy+ if (lode) July101: 19 it (subval -- 11 + subval) C it (c) c.

		PAGE: DATE: / /
		next print & get executed
		output: Subval: 15 Subval: 14 Subval: 14
	(O·7	if (ro 2 ro fs ro 7 30) X
		it (\text{to } > = 50 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
		pf ("you are overweight you have to workhand") you are overweight you have to workhan
	<u>Q</u> P.	Year = 2020 if (4ear 1.4==0 st year 1.1001=011 year 1.400==0){ (200016==0 st year 1.1001=011 year 1.400=0 2020
_	,	= toue st folse False
		aled year is lup year
	1	

Rainbow number = 10; if (number !=off number >0) 0.9 (10/20 ps 10>0) Feil it (10 co) fuil it (10 ==0) feil if (10-1,4 ==0); feil 0 P 800 \$ 10 is divisible by 4 it (number 1=0 ss number > 0) (101-0 8) 1070) now, oumber - if (-5 <0) V now normber = 0 j t (0 == 0) now number = it if (number 1.9 == 0) ; fail but next past will execute Olp: 10 is positive no or - J is negative no nubra il 2000 IT is divisible by 4.

Rainbow

PAGE: DATE: / /

0.10 guan = 0

I (10)

now onum = 20

achar - 'T"

if (201.4 1=0)

(01=0) fail

if (20 = 20) fail

: OUtput

Inside Fixed if ---

Ofter all it, values are 20 gt

0-11 nam = 20 nam 2 = 19

if (20>=19)

if (20 == 19) X

else

print (" 20 > 19") ~

OU + put: 20719

PAGE: DATE: / /

128 num = 120 if (1201-2==0)V if (120-1-3-=0) it (1201.5--0) Olp = 120 is divisible by 2 120 is divisible by 3 120 is divisible by 5 num: 30 if (301.2 ==0) V if (30 1.3 == 0) ~ if (38 +5==0) V Olp= 30 is divisible by 2 30 is divisible by 3 num = 76

if (76/2==0) V Q 1f (76.1.3==0) x else PFC" not divisible by 3"). -> 76 is divisible by 2. To is not divisible by 3.

Rainbow PAGE: PAGE: / / * num = 36 if (num x. 2 = =0) if(num.1.3==0) 14 (num 1. 1 == 0) X elsev Output: - 36 is divisible by 2 36 is not divisible by 3 36 is not divisible by 5. 0.13 \Rightarrow 0.1=10 0.2=20 0.3=30if (10 >= 20 RS n17=ns) x if (20>=10 8f 20>=30) X jf (30) = (+ gg 30) = 20) V olb:- raudert unupes - 30

Nachbour PAGE: DATE: / / * num = 36 if (num x. 2 = =0) V If (num -1.3 == 0) 1f (num 1. 1 == 0) X elsev OUtput: - 36 15 divisible by 2 36 15 divisibly by 3 36 is not divisible by 5. 0-13 An n1:10 n2:20 n3:30 if (10 >= 20 RS n17= n5) x if (20>=10 sf 20>=30) X if (30) = 18 30 = 20) V Old:- racedes- umpes - 30