Complete Beginner While loop-1

that you have a number lock, it contains 3 strips Given of number from 0 to 9, write a code for opening this lock. [NOTE: we don't the pass voord' Every Strips hold digits from 0 to 9 - Strip No. I combinations all Strip No.2 999 from 000 to (i) Strip No.3 100 - 100 900 - 900 Assum bilim 0 0 0 0 0 101 - 101 901 - 901 001-1 902 - 902 002-12 0 0 0 0001 -> 1 010 - 10 200 - 200 999 - 3999 002 -- 2 010 -10 B-3 B-2 1-g157 FOR 099 -> 99 7,8,9,4 figib didis 5.6 158 1,2,3 J 68 100 -7 100 f, g, h, (d, e 159 Replace 9,5,0 263 154 264 999 - 999 167 357 168 358 163 359 4 164 354 257 Count of Total = 367 258 Combination 368 259 369 = 24 254 364 Greneral Combination Ba 33 Br C 6 α

Total countinoun = axbxc

lock:

the

open

Question:

Strips 2 6-9 6

Total combination = lox lo x10

= 100 b

9s this a good way of worting a code?

- No

object of ooo to 999

if (still lock) {

How many thme was

test combination 000 have to write this

less if (still lock) {

if_clse ? I love thme

test combination 001

3 else if (SHU lock) {
test combination 002

3 else if (1961) lock) {
test combination 0 02

I and so on ...

gs there is any construct provided by language?

4 called boop

lock statly Cembination Crowp. = Cw. combination = 011 -> 000 dosed 1 \mathcal{O} while (lour is closed) 2 Josed T test combination: 3 (2) closed Membined'm: combinadim +1 Y assed Asiampyian : 188 3 010 107 128 ((27) 080 129 0 0 C) oxed 128 001 Open. 129

11. Initialisation of while loop. — Syndax while (2 Expression / condition) { of Execution. order Loop Statement / took Initialization 4. Upate - Incremed/ Decrement paolean Extraorian check Q. or credition work on 100% statement Increment / Dercrimut

combination = 0

while (love is close d)

test combination:

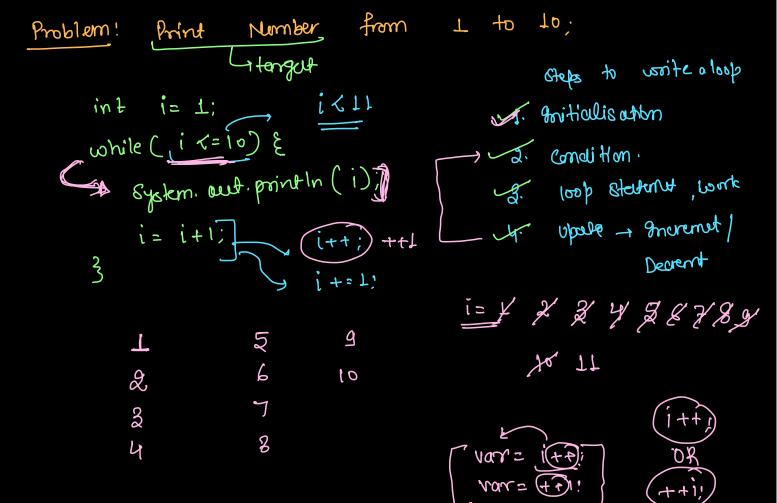
com binadion:

com binadion = combination + 1

2. check boolean Expression
of and them
on took statement
y. Increment / Dorcrumst

| Assampyions han = 1 | |
|---------------------|--|
| | |
| 01/2/3 | |
| 3/4/5/6 | |
| | |

| combinution! | lock Status | Testing. | comb = comb + 1 |
|--------------|-------------|----------|-----------------|
| O | Uosed | | Т |
| 1 | closed. | ~ | 2 |
| 2 | closed | | 3 |
| 3 | Closed | L | 4 |
| ! !27 | closed | V | 128 |
| (128) | ଠାୟବେ | of faces | 129 |
| 199 | open. | | |

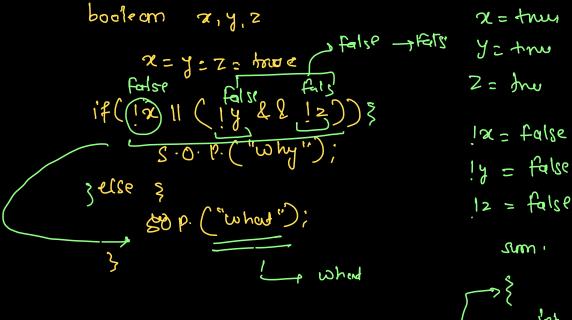


wint
$$a = 10$$
; $b = 10$ assigned then orderended wint $b = att$; $a = 10$ [1] $a = 10$

int
$$a = 10$$
: $a = 10$: $a = 10$:

Int $b = \pm +0$: $b = 11$

Snowment the assigned.



int runt. I
int runt. I
int runt. I

int runt. I

int runt. I

int runt. I