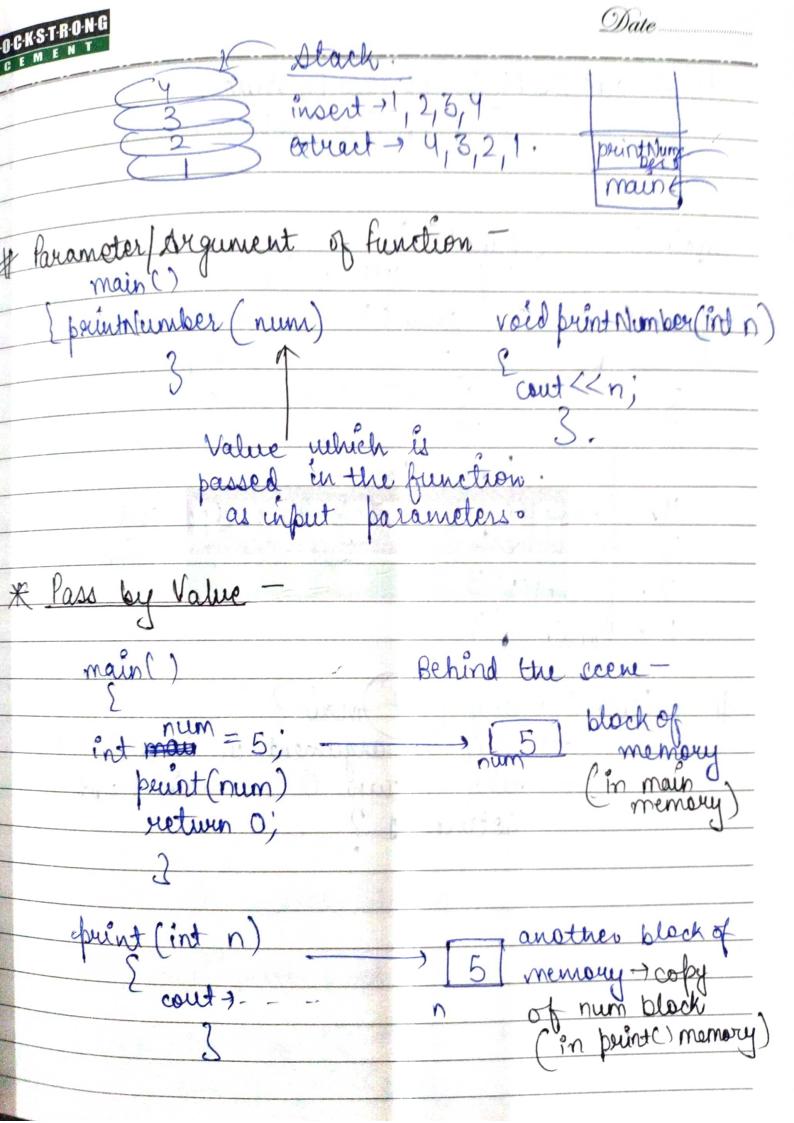
Functions & Astrays Date functions. > why always o is returned at Explose this.

REMENY	
I way do me need functions?	
-> Mehen we need to repeat code,	Reuse il.
- Improves readability.	
- Medular approach.	ny angganana tao' dia ang matain ina ang ang matain ang ang ang ang ang ang ang ang ang an
-) Saves time	
-> Clean code	,
- Maintainability.	
-> Facus to made at and	*
→ Easy to understand → Jestable	D protoc
A	ananati annandirahati arasidari mentehilika iperanan menengan yang menengan menengan yang menengan menengan me
-> Redundancy	
If we repeat a pièce of code	again and
again, code gets bulky and	It can get
If we repeat a pièce of code again, code gels bulky and buggy too f readability is a	elso reduced.
Example -	IN ROBERT
Example - int main () void	brint Number ()
print Number () coest <	(211
3	
Jab hum koi function call ke	te h. sabse
Jab hun koi function call ke pehle main() ki entry hot	i'h function
call stock mad the boration	unations le





H/W - @ 20 MCQs of Pass by Value (GFG, CS or Interview Bet)

main()

funcl()

funcl()

sahul()

samuesh()

3

Stack.

Y Pramesh This is nested call

3 Prahulox 2 but not recursion.

2 Pfunc 1 CX 3

Pmain (XY)

Explore: - uehy (Int) main?

-) uehy no argument in fint main()?

-) uehy seturn 0 in main() not

seturn 1?

MANUAL TRANSPORT

C-K-S-T-R-O-N-G Mate.... 1/P n = 15 Print all even no. till n. - print Even (int n) fou (int i=2) i <=n; i+=2) cout << i<< "; int n=15; print Even (n); rueturn 0; J: 1/P n=6 Pouret all Squares till n. void point Squares (int n) for (int i=10); (=n; i++)

cout <<ii>it; << endl;

Million A. American A. America
Durays - Collection of Similar type of elements. Stores data at
el pine inte
Stores data at
int aur [5]; Stores data at Continuous memory
A size memory
0'
aur [5] > [3 5 7 2 1 20000000000000000000000000000
Moyte 2 total
Abyte Abyte Abyte The
20 hutes.
arr - [first block.
are 100
int arr $(15) = \{1, 2\}$.
1 1 2 3 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1
could be garbage.
could be garbage.
(compiler dépendant)
Initializing with single value -
\rightarrow cut $ab(a5) = [0];$

initialize all array indexes with 1. x occessing dray Elements. first element - [awr[o]] -3 # Behind The scene + aur [0] +100 + 0xy =1 = base + index * size of data-type elements of array. roid print Array (int arril], Int size) for (int i=0) i(size; i++)

(

cout << aur[i] << " "

Date. int main () 13,6,9,2,183 & return o Note: Make sure, while passing array in any function, pass the size void util (int acur [], int size printingin VTIL" (Conde) (arr, 3); int main

printArray (ava, 3); same in both functions. Array number is not copied in a function parameter, but reference pointer is passed. Actual value is changed. Jab kisi array ko function me pass

ksege er function me value ko updates

ya change ksege to vo change has

jagah sustain ksega because value

pass ke time reference of array jaatah. 2 Search about behind the scenes function parameter.

Search: oue tourards en are (), int size, Int target) =0; i<812e; j++) if (arr [i]== target)
return toure; int arr [100]; << "Enter size " << endl; cin>> n; ain >> & acre [i];

