1.

	0611	
	1 0% - ON 3W	160
Demo :: x	12	104
Demo:: a	were ".1	708
SIG (misses)	A 10 10 10 10 10 10 10 10 10 10 10 10 10	& onignancepore
Demo:: i	The second secon	112
which country	18:1011101	डर्न्स्टर्स्ड रंड
Demo :: d	a decreased trades	

The Btructure will get memory when we define object I structure variable.

now each member of structure gets separate memory to each data member.

- thre total 120 byte memory gets allocated to structure.

elements in structure, for that we need to use direct accessing (odot) operator.

- Otruct Demo obj1:

0411.x = 12;

obil. a = 1.1;

oobj 1 · i = 10;

obj1. d = 10.1011101;

institution is

+loat ac:

struct Donco

	Page No.
	'in the second of the second o
Q·2.	about is the line
111.00	Structure & union.
	oral conion.
U11 000	· structure and union are considered as
SI 11 600	clex and union are considered as
	aser defined data types
	- Structure !
	- Structure and union can hold any
	requirement.
	requirement.
9 % ::	- Structure can store any primitive derived.
& user	data type in it.
d	efined type in it.
	- in case of union memory gets
0::0	allocated for only the largest member
	of a union.
	661.6 201249:
	- As the memory gets allocated for only
	one member we can store only
	one value at a time
	Suprimer allegate and the second seco
	· But in case of Structure De can
	Store all the values of all the members
	at a time.
	Example -
	1. Structure
	1. Official

int i:

float j:

double k: 3:

Struct Demo

Page No.

		065	
	struct Demo obj: 100	10	8-2 120
	E. Jonica	37024300	Demi ::
	obj. i = 10;	10-10	
ed as	06j.j = 10.10;	executaro site	pemo::j
	obj.k = 9.1243:	9.1243	Demo::k
	116		
HIER		Structers	
Kommek	destribute lossed on proq	16 butes	"
	2. Union . Sasansii		
. derived,	vitigunion pemo state	Stratetes	Demo :: a
	5 + 0	lata hip	to wer a re
	l float a;		Demo :: b
	Moint moint moint to	5555	STREET, SHEET, ST.
. 13	double c;	easted - pe	Demo::c
	- 1.1	soints is	
	obj. c = 20.1249;		
enly	memory act allocated for	3 + he	A -
	200 500 06j ap 30 yod	nere nere	0
	20.1249 " B	bytes"	7
	Ann. Asyring		
ea.77	208 3 3 4 7 4 3 3 BB 3	But in	
Modernso	the values of all the n	re all	570
	76:	t a Hr	a
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	esquature anaporary as are and of the		
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		the works	
		truct Den	2
			3

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	Page No.	
	Date	
0.0		
Q·3·	which type of data we can store in	
	-Structure 9	
->0	we can store any of the data	
5	type in structure	
	i.e 1. Primitive .220000 tommo	
	2. derived	
	some 3. on Oser defined possopilato 21 +1	
	to 1	
	. To access enement in faster way	
Q.4·	what is meant by padding in memor	***
	allo cation of structure	7
_3	Structure padding is defined as the proce	55
	of adding one or more empty hus	100
	of adding one or more empty by between datatypes to allign data in	8
	szilbitmemory: 2000 8 340 3457	
	members of Bructure:	
	for e.g	
	nibbon 1. Member initialization list	'g
	to struct properso sodmon ud rednism .	
	accessing operator. ?	i
	int i: 104	
	char ch;	ch
	float fill omod its over	
	E'A31: 101 3 = 100	£
	112	
	Floor 6: 2. 06j. a. 2. 10;	
	- in above example we expected megbytes	of
	memory, but when we execute it we	
	get 12 bytes.	

- Those 3 bytes are considered as padding.

memory is considered as allocated memory inside the object that we cannot access.

- It is considered as wastage memory.

- To access exement in faster way compiler cusign some extro spaces that space is called as padding.

Q.5. How many ways we can initialize the member of structure.

There are 3 Days to initialize members of Structure:

1. Member initialization list

2. Member by member using direct accessing operator.

e.g.

struct Demo 1. 11st

int a;

float b:

char c;

doi: = \(\frac{10}{2} \);

obj. a = 10;

obj. c = \(\frac{1}{2} \);

obj. c = \(\frac{1}{2} \);

table of the same

Q.6·	what is	array between array & structure.
	Strange Page 1	
		1. Struct Semo
	2 Strature	showing one our be brighted
	solis solis	a constitute and it and the second
(11600SE)	- OI	4100th 4:
	The state of the s	I sordouble di mata serios.
Demoi; f	70110	an partner in amount in the
	The second second	and the same and t
la conse	70.99993	series in structor among a chit :
		Mr. He was a declarated
	()	:01:1:00
	54 yd 25	:01.01 = 9.11.do
		objr. d = 10.99993;
	134 at 11	at the variety of the parties of the contract of
	100000	2. Struct Domo
		· · · · · · · · · · · · · · · · · · ·
		int arr [3];
	01	Float F: Demossary to
		double dies
	2008	Elle Demod & Company
	The second second	I am the land to the property of
	08	struct Demo obj: Demo: arres
		(11)
	01.01	061 697 637 = \$10,20,303; p
	SECOLO VI	Sil : 10.10 : 7. jac
	10.38333	obj.d = 10.99999: Denoted
		444
		Part address from
	10 10 24 Syles	Large M. Star Married Co.

Draw the memory layout.

1. Struct Demo

int i:	obj1	
float f:	10	Demo::
double d: 104		
7:	10.16	Demo:;f
108		
struct Demo obj1:	10.99999	pemo::d
116	ARRIVE STATE	
obj1:1 = 10:		
obj1. f = 10.10:	16 byte	
obj. d = 10.99999;		

2. Struct Demo

int arr [3];	
float f; Demo:; arrio]	10
double di	Cha - Marine
3: Demo::arr[1]	20
10.8	
struct Demo obj: pemo::arr[2]	30
, 112	
obj.arr[3] = {10,20,303;	10.10
obj.f = 10.10;	
obj.d = 10.99999 : Demo::d	10.99999
124	LAN PROPERTY

24 byte

Instruction contains the memory location

or register cohere the effective address of operant is present. spructure promiess can not be introduced Q.10. Detect the problem. 1. Struct Demo Bases & Zint defined no memory is allocated to Enactures data memissinstaly this float f = 10.0: Il cannot initialize double d: variable while allocated to the inqueries when declaring Structure muchase executed Struct Demo 2int i; float P: partitions double i; mode, the address that in : Fine inst 11 we cannot declare two variables with same identifier I name.

The en

contains the memory receptive

Indirect accessing