Mame: Hitendra Sisodia

SAP: 500091910

PAGE NO.

DATE: / /

Anst. It is necessary to define the type

of pointer at the time of declaration

because different datatypes in the memory

Contain different bytes of storage.

that is why we connot able to store

int datatype address in character pointer.

as int is of 4 bytes and character is of only

I byter

Am-2. An void type of pointer is an type of

pointer which doesn't are associated to any
data type.

A void pointer can hold address of any type

and type casted to any type.

An void pointer is used to point integer

variable by Simply assigning the address

of integer to that pointer.

inta = 10; chan b = 6h;

noid * Pi

p= 86 // address of on chan variable stored

PAGE NO.

DATE: / /

Ans-3. Type cashing is the fea conversion of one type of datatype into another type of datatype. We use pointurs because of its resusability.

Doid pointurs can store the object of any type.

and to retorive that value of any type we use proper typecasting of the particular data type.

Eq int main() ptr = ba; printf (" the value of ais: ", (int") ptr;

Stepl: - Stant Step2: - Initialization of for loop from to i is less than Stepl! - stont Step 2: Declaration of i=0, and counter=0 Step 3: Initialization of for loop from i=0 to i is less than n. Step 4: counter to counter ti for each value of i inside on loop. Steps: print (counter) Step 6: Stop Ans-5- An pointer is an datatype which gtore's the oddress of another varible. we use & for refrencing address and It is also known as refrence operator * is used to get value at that poin address and it is also known as de refrence Operator. A pointer of integer type can hold the address of variable of type integer. The special about one dimensional average name is. Array name itself act as an pointer of the Array. Array Name itself stores the base address of First value also, &0[0] (=) a

PAGE NO.

DATE: / /

Ans-6- We use struct keyword to define
the 8 muchure.
first of all we use smet keyword
and the ships name
and then smahure name
and, im Curely braces brockets contains
Charles delinah on:
And In last we define the variable
of that smichie using
(Var nami)
Declaration:
Smuch (smichure neutre) doublitype
of datetype
- Control of the Cont
3michine défination
The second of th
Smet (Shichore name) (variable name)
dataype
padding is used because in smechine the Size of the smechine is more than the
size of all smichines members because of smichine
padding
Actual size of shudwe membere is 13 bytes. So here total 3 bytes wasted
So here total 3 by his wasted