Pointer- A pointer is a derived data type.
in (it is built from one of the fundamendal data types available in c. Pointer contain memory address as their Values,

... there addresses are the location en the computer minu where program instruction and data am stored.

* Types of data types 1) Divived 10 Vour defined 111 Primary

Write some features of pointurs.

- 1) Pointer are more officient in handling array and data lables
- 2) Pointer can be used to seterm multiple values from a function by a function orgunish.
- (3) Pointer allows (to support dy namic memory management.
- Pointer inviers the excution speel, orduring and the program program execution time.

Dularation of a Pointer Variable A pointer vasiable can contain addresses that belong to a syvate de data typis, they must be deland before using it The given form of declaration is datatype * pointervariable; int * roll; 9 Difference between pointer variable and normal variable. g a=10, b=20, *, lora, * plob; void main () int a = 10, b = 20, * ptra, * ptrb; * ptra= &a; * planb = 2 b; * plr-a = * plr-a + 20; plr-b = * plr-b - 5; printf(" a = 1.d tn.b = 1.d", * * ptr - a, * ptr - b); getch ();

#include < Stdio.h> 6=30

#include < conio.h> U

void main()

int a, b;

int *P1, *P2;

Printf(" \n \ \text{Enter the values of a \ b:");

Scanf("\d\d\d\d\,\aa,\ba\b);

P1 = \aa;

P2 = \ab{b};

*P1 = \approx P1 + \alpha \bigce;

Phintf(" \a=\approx \d' \a);

Pnintf(" \a=\approx \d' \a);

Pnintf(" \a=\approx \d' \a);

3

To find greatest/maximum of two number using points #include (stdio.h) # include / conio. h) void main () d int fno, sno, * ptrl = & fno, * ptr2 = & sno; printf (" (n in Pointer: Find the maximum number between two number: (n"); printf (" Input the first number: "); Scanf (" /.d", prt1); printf (" Input the second number: "); 8 canf (" /.d", prot2); if (* ptr1 > * ptr2) print f (" In In Y.d is the maximum number - (n (n)", * poto1); printf (" In in 1.d is the maximum number. In In ", * poto 2) 9. Write a Cprogram to compute the sum of numbers stord in an Arry # include (stdio - h) # include (conio. h) void main (). d int A[10], i, sum; print f (" In Enter the Values: 2). for (i= 0; i<10; i+t) scanf (" 1. d"; & A[i]); P = A; // Intialization of nohile (i< To) Ja L fort sum (sum + * p) ptt" itt; print f (" The sum = /.d", sum); getch'();

1.12.22

9 Write a memorendum to be issued within the office to stop electricity Missuse.

MEMORANDUM

Date: December 1, 2022

To:

All the employees of the office

from;

Mo/Mos XYZ, Heal of the office

Subject: To stop elebraty missuse within

the office

As you all well awake that elebraty

is the flow of eletnical power or charge.

is the flow of eletnicity, the country

Thus, for the missuse of clut nicity, the country

suffers an aute shootage of power. There

suffers annot num.

for it. Mills and factories cannot num.

for it. Mills and factories cannot num.

The missuse of electricity slow down the

production. Thus it is a strict order to

production. Thus it is a strict order to

production. Thus it is a strict order to

production to pay as pully.

Rs, 1000/how to pay as pully.

Narration

Reporting vist

Reporting Speech

Direct He said, "kina is a good girl"

Andirect He said, "I will kell you the

Enth."

Luck He said that he would tell in

the knowled tell in

Simple Present - Simple Past

Simple Present - Past continuous

Present Continuous - Past forfut

Present Perfut - Past forfut

Simple Past - Lold

said to - Lold