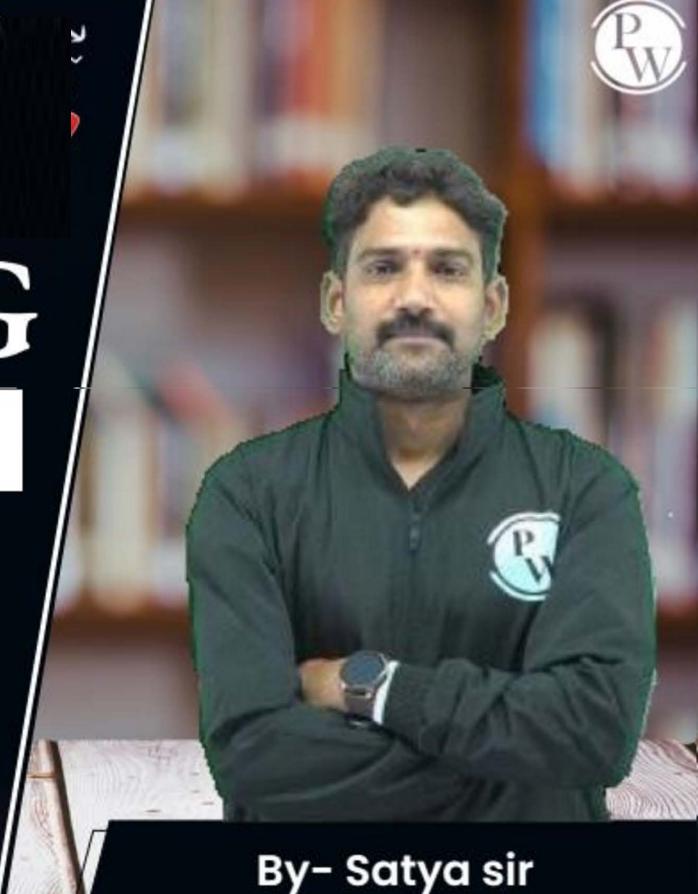
CS & IT ENGINEERING

C PROGRAMMING

Data Types and I/O Functions



Lecture No.- 02

Recap of Previous Lecture









- 2 Types: 1) Primary
 - 2) Secondary
 - Primary data types: Usid, chair, int, float



Topics to be Covered







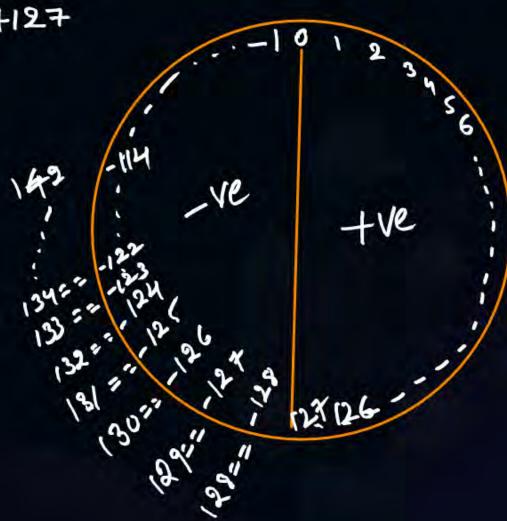


- scount () input tunction
- Prints () output function.





Cyclic Property of data types





-128-127

Topic: I/O Functions - 1





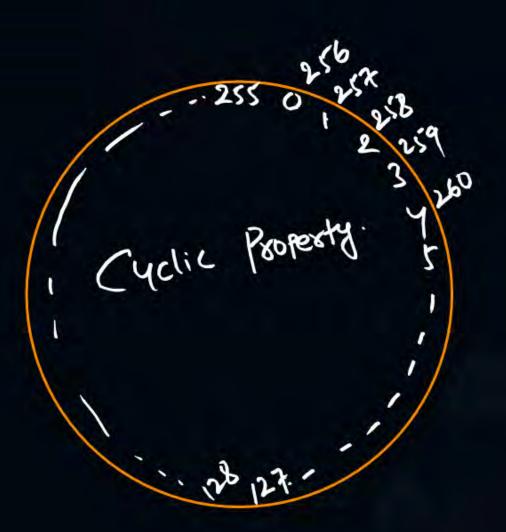


Unsigned char ch=260;

Range: [0 to 255]

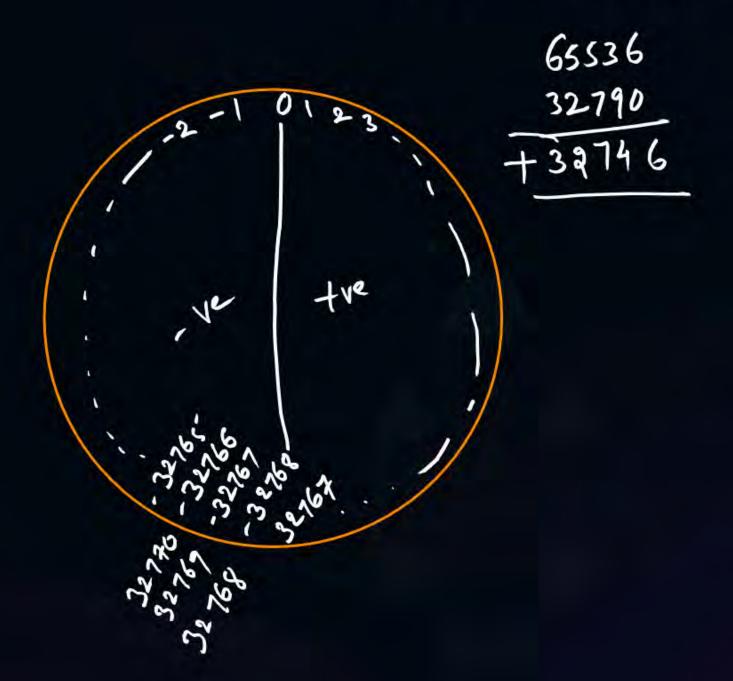
Psinty ("./.d", ch);

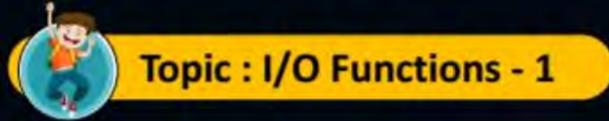
olp: 4













Input - Output Functions: The strats used for accepting input values from user and Produce
Output regults to User.

Forms of angut

1. Text (Number, Symbol, letter)

- 2. Control Enjert (Enterkey, Functional Keys, Ctrl, Shift ...)
- 3. Hard Copy
- 4. Image
- 7. Voice (audio)
- 6. Thumb impression Touch

Forms of output

1. Text

2. Hard Capy

3. Audio

4. video



Input output Functions

1) Console alo functions => input = keyboard, output => Monitor Display device

a) Disk (e) File 1/0 functions > input < Memory, output > Memory.

(Files)

(Files)

Console 2/0 functions: 274pes

- a) Formated 9/0: Scant(), Printf()
- b) Un Formatted 2/0: getch(), getcher(), getcher(), getcher(), getcher(), getcher(), getcher()





Formatted 2/0 tunctions

- 2 nput accepted as dequired format
- Output displayed as dequired format.

op function: Prints()

Input function: scount()

formatted data

Brints () function

Unsigned art Brintf (Char *Ptr);

string (input accepted to Print)

Return type
[output type]

ant a;

2 = Printy ("GATE");

OP Screen Console

Printf () function will Process
Characters to the olp Console and
Determs, No. of Characters Processed.



2 mins Summary



- Cyclic Property
- I/O statements classification
- Console 2/0

Lis Formated 9/0

L Sang (), Prints ()



THANK - YOU