Class 9

1) Arrays in C 2) Pointers in C Arrays:

Ex. Need! Store 100 studen!s name with roll number. 001 -- 100

char c = 'A';

"Hello World" -> Array of char.

11 chars (0 - 10)

char S[11] = "Hello World"; length = 11 6 - W →> 0 - H 7 - 0 1 - 2 8 - 8 3 - L q - L 10 - 0 11 Characters

int even [11];

even[o] = 2;

even[1] = 4;

•

even [10] = n;

for (i = 0; i< 11; i=i+1)

d

even [i] =

3

0 1 2 3 4 5 6 7 8 9 1
print (") d", a(") Format Strings: -> Used to construct a string programatically. Integer 1.d long Basics. ~/. L 7. C String 7, 9 float 1. t

(" The value is 2 that"), i

The value is 8

Painters: eddr type Var 0x001 10 int 1 = 10; int DXOOL COXO1 in+* int xp = &1; printf("/d", P);
printf("/p", &p); printf("/.d", i); printf ("Y.p", &i); printf("%d", xp);

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