· Output: printf() function to generate Olp putchan () outputs a single chanactur.

#include \(\stdia \) \(\text{in than () \) \(\text{chan ()} \);

printf (" You entoned:");

putchan (a);

netwon (); · Formatted Input:

The scanf () function is used to assign ip to vanishles variables.

Intx;

float nun;

chan text [20];

scanf ("% d % f 1.5", &x, & nun, text); Formatted output: The printf function was introducted in your very first Hello world program, print f ("The free has %d apples. \n", 22);

1* The free has 22 apples. */

print f ("Hello world!\"\n");

1* Hello world!" */ In -new line. One to some to s JAN WTFSSMTWTFSSMTWTFSSMTWTF 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 3 -> If else statement. The if statement can include an olotion - at use clause that executes statements when an expression is false. if (Score > = 90) printf (" Top 10 % % . \n"); clse print C''less than 90.1n"); · Nested of: if (profit > 1000)

if (clients >15) bonus = 100; busius 25; If else - if statement. int score = 89; if (score > = 90) print f ("7.5", "Top 10%\n"); else if (same > 80)

print f ("".", "Top 201.(n");

else if (scare > 75)

print f ("".", "You passed (n"); else printf ("%s", "You did not pan. In")s

Switch Statement: - The switch (expression) { case vall: statements break; majorations bear Dr case vals: statements break; default: statements. · Logical Operator: if (n70 & & n<2100) print f ("Range (1-100). \n"); if (n == x 11 n == x)

printf ("Roman numeral value 10. (n"); 3) The ! Operator.

if (!(n=='x'))

print f ("Roman numeral Ps not 10. \n'); while loop:
while Cexpression) {
statements
}

-> the do-while loop: do 2 Statements I while (expression); Break and continues int num = 5; 9nt num = 53 while (num > b) { while (numzo) { if (num = = 3) 1f (num = 23) break; continue; printf (" "dln", num); printf (" 7.d'n", num); num - - ; · the fox Coop: fox Centualere; condition; encuerent) ? statements; . Functions in C series of subbasks. · Function Panameton: The functions parameters are used to necive values required by the function.
Values are passed to these parameters as a requirements through the function call.