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1. conversion of characters to decimal

Algorithm:

Step 1: Start

step 2: Declare a variable a as integer and character c:

Step 3: nead c

step H: Assign a=c

steps: Display the a as a nesult

step 6: stop

Prseudocode:

Step 1: Start

step 2: Read and decrare the integer and character variable.

ehar c;
int a;

Priintf ("In Enter the character"),
scant ("I.c", &c);

```
Step 3: Assign a = c;
step 4: display the nesult
      printf ("In the value of c in decimal).
flow chant
               Stant
              char c
              nead c
          Display the nesult
              (Stop)
Pagram
    # unclude 2 stdio. h)
        o include 2 conio.h)
    void main ()
                         dature of the
       charc;
       int a year or to
       Print+ ("In Enter the character");
       scant ("1.c", &c);
       a= c;
      print + ("In the decimal value of given
      getch (); Charcter is = y.d", a);
```

2. Converktion of Decimal to character

Algorithm

Step 1: Start

Step 2: Declare the integer variable a and character variable c.

· host

Step 3: nead a

step #: Assign c = (char) a

steps: display the result

step 6: Stop. Liverning

Pseudocode

step 1: declare two variable

inta;

· (radique / Charc;

Step 2: read a page bell tous

Scanf (".1.d," &a);

step 3: Assign c=(char)a

stepH: display the nesult

Print ("In the Value of decimal" in Character 1.c", c);

```
Start
```

int a; char c:

nead a

c = cchar) a

Display the nesult

Stop

```
program:
```

include 1stdio.h.>

include 1 conto. h)

void main ()

d

int a:

charc;

print ("In enter the decimal number:);

scant (".1.d", &a):

c = (char) a 1 1 1

Print + ("In The Value of the decimal in the

dercy ()

- book be at (

3. Base Conversion

Majmopik

gtep 1: start

Declare integer variable i=0,n,b,i,rij step 2:

Step 3: Using while loop with condition n>0

step #: Do the statement nib and n=n/b unel condiction fack.

steps: using for loop for the condition 1=1-1 and 1>=0, 1-- and paint result until condition fails.

step 6: stop.

Pseudocode:

step 1: Doctable Variable

unt 1=0, 1>=n, b, T [1];

step 2: Using while loop having condition while (n20)

Step 3: 9 n [1++] = ny.b n = n/b;

toti of the StepH: Using for loop having condition for (1=1-1; 1)=0, 1++). Print + (" "d" Y [3]);

```
Step 5: Display the result
```

Start

read n

カンの

n=n/b

$$\hat{L} = \hat{L} - 1$$

$$0 = \langle \mathring{L}$$

Paint+("1d", rc3);

1++

```
Program
```

unclude / stdio. h) void main ()

£

Ent 130, n, b, 1=0, TE1];

paints ("Enter the decimal number: ");

scan+ ("1.d", &a);

paintf (" Enter the base:");

scant ("1.d", &b);

while (n20)

~[1++)=h.1. b

n=n/b;

for (1=1-1, 32=0, 1--)

getch ();

stop,