ASSIGNMENT-12

| - | |
|--|--|
| 1. | Write a recursive function to Print first |
| | N natural numbers . |
| | # include < Stdio.h > |
| | Void Natural (ont); |
| | Int main () |
| | |
| -6.80e.V | 3. Horist B. Siccussive function +in Print |
| | Point & (Enter a number) |
| | Scanf (" % d", & n); |
| | Natural (n) in him him |
| | 916+4910 0° () () () () |
| | } |
| | Void Natural (int n) |
| | 1 (C) Cost Sult (1) (1) (1) (1) |
| | ip(n=0) |
| | 91e+u2n 0; d : madibal 120 |
| | N Ngyyag number (n-1); |
| | Point f (" 1/0 d", n); |
| | } = d day postlar and bird |
| |) The state of the |
| 2. | Write a grecurrive function to Print first |
| | N Natural number in revense onder. |
| | # include < Stdio.h> |
| | Void natural (h+); |
| | int main () |
| | { |
| | to make into mission property of the plant of |
| | |
| | Pointfil" Enter a Number "); |
| | Scanfl" ./.d", & n); |
| | natural (n) |
| | 2 ne fugn 0'; |
| | |
| | Void natural (int. n) |
| | Transfer Consultation of the Print |
| | illi 2 . The I have |
| The state of the s | |

```
total total Friend Pulled Point Printer Printer
           Printfl" of d', n)
            natural (n-11);
       Idenite a grecursive function to Penint First
3.
         N odd natural numbers
         # include < Stdio h >
         Void odd natural (int)
         int Main ()
            int n;
Perintf ["Enter a Number \n'];
Scanf [" /d", & n];
             Odd natural (n);
             grefygin Oil
          Void Odd natural (Int n) ?
       Large of Piccusing ( Orania ) Ai Period
          Degletuanni menteni inneutaly in
              bdd natural (n-1);
Perint f ["7. d", 2*n-1);
        Warite a grecuarsive function to paint fight
        N rodd natural number in grevense onder
        # include < Stdio.h >
         Void odd natural (int);
          I'n+ main()
            int n:
            Paintf "Enten q Wumber Scanf I" Y.d", & n);
```

odd natural (ndismunding of miles) Void oddnatumal (into n) if (n==0) 910 fuern 0; Parint [1" 16 1" 2 * n-1] oddnatunal (n-1) Waite a ACCUARIVE function to Paint figr8+ N even noturial numbers. # include < stdio. h> Void Even natural (10+12) int main () in+ n: I will be continued in Paint f (" Enter a Number"); Scanf (" %d"; &n); evennatural (n) Gietyan O; Void Even natural (int n) if (n == 0) 91e tuon : Even nathonal (n-1);
Parintf (" 1.d", 2*n

```
Weite a grecussive function to Paint flan
N even natural numbers in greverse order
  Void even naturial (int)
 #include < Stdio.h >
   int main
     Posint [" Enter a number \n"];
     Scanfl" Jedi', len 1
      evennatural (n);
     greguen o'
    moite a steemersive function to 1
   Void even northeigh (int n)
      ic (n==01) | moverce
       Return 0:
       Palintf [" 1, d", 0 *n);
       evennatural [n-1]
Intrite a grecussive function to Paint 8quares
Ob first N natural rumbers.
#include < Stdio.h>
Void 8quare (int)
int main ()
   int no
   Printf ("Enter a Number: \n");
Scapp (" %d", & n);
   Square (n)
    netuno;
 void 8quare (int n)
   10 (n==0)
   great Ugin
3 quare (n-i);
Porintf (" 1.d", n*n);
```

```
We recuisive function to Paint binary of
 a given decimal numbers
 # include < Stdio. h>
 Void binary (inf);
  Int Main ()
   Brintf ("Enter a Number");
Scanf (" "Ad", &x);
binary (x);
   gretuan O;
 Void binany (ont n)
    ir | 2 == 0)
   ne tugin
   Binant ("/2);
Parint f (" Binant Of 1/ of 18 1/d", x,n);
Write a recursive function to Print octal of
a fiven decimal number.
 # include < Staio h>
 int main
  void octal (ont);
  ont main ()
   int x;
   Posintf ("Enter Number");
Scanf ("1.d", &x);
    octal (x);
   nefunn 0°,
   Void Octal (pint oc)
    if- (n==0)
```

Tetunn 1 octal (n/s) Parint F (" o/ed", n % 8 Marite a Accumine function to Parint reverse of a given number. 10. # include < Stdio . h > Void Recynsive (int) int main 1) Pointf [" Enten a Number"); Scanf (" % d", & x): -Recons Recunsive (x); Diefunn O; void Reverse (in+n) if (n==0) Point F (" /, d") n /, ho); Reyerse (n/10) 3