Assignment No-8

Andreas of State Control of the State Control of th	
	Mosite a program which accept number from
	user and display below pattern.
	ioput - 4
	Output - * * * * # # # # #
	The state of the s
	#include <9tdio.h)
	void display (int into)
	K for Cint i=1, i<=iNO, i+1)
	2 paint(" * \t ");
	3
	for Cinti=1; ix=iNo, iH)
	{ paintf("#\t");
	3
	<u> </u>
	int main ()
	l intival = 0;
	paint("Enter number n");
	5 canf (" %d", & ival);
	display (ival);
	return o;
	3
3,2)	
22)	Accept amount in Us dollar and convert it in INR consider 1\$ = 45 INR.
	Consider 19 2 45 INR.
	#include <stdio.h></stdio.h>
	int Dollar To INIR (int into)
	L int iResult = 0;
	iresult = inlo * 45.
	return iseault
	3

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    Lawrent to Lawrence &
       point ("Enter number In');
       scanf (" " 1.d", & ival);
       int rupees = Dollar TO THR (ival);
       paints (" value in Indian rupees is : 1.d"; rupees);
      return 0;
33) write a program to find even factors of a number
    #include < stdio.b>
    int Evenfactor (int ino)
    f if Cinocol
        2 iNO = - iNO.
        int Fact = 1;
        for Cint i = inlo, i>=1; i+).
         < if (11/2 = 0)
             & fact = Fact * i ; ...
         return Fact;
    int movin ()
    <int ival = 0;
       point ("Enter number In");
       scenf ( " ( d", fival);
       int ifact - Evenfactor (ival):
       paint ("Even factorial of number is: ".d", ifact);
```

returno;

waite a program to find odd factors of a number 04 #include<51dio.h> int OddFactor (int into) T if Cinoxo) 7 ino = -ino; int Fact=1 for (inti=iNo; i)=1; i--) 1 if (i.º/.21=0) may both it amon { Fact = Fact + i); return addfactor fact: int main() l int ival = 0; paintf ("Enter number (n"); Scanf (' r.d', & iVal); intiFact = oddFactor(iVal) paintf (" odd Factorial of Number is: ".d", i fact); returno: 0,5 write a program to return the difference between even and odd factorial

```
#include < stdio+b)
int EvenOddFactdiff (int ino)
d if (inoxo)
    1 ino = - ino;
     int EvenFact = 1;
     int Oddfact = 1;
     for Cint := inlo; i>=1; i-)

  ⟨ if (i°|, 2 = = 0)

         Lai Evenfact = i Evenfact * i;
         1 ioddfact = ioddfact *;
    return i Evenfact - iOddfact;
(nium tri
1 int ival = 0;
  paint ("Enter number 11");
  sconf (" %d", & ival);
  int ifact = EvenOddFactdiff (iVal).
   paint (" difference between even and odd Factorial
      is : " ( d", ifact).
  return 0;
```