Assignment - 11 - Clanguage Distrite a Brogsam to colculate sum of fixt N natural numbers #Include 2stdio.ho int main() l int i=1, n, Sun = 0; Printf ("Enter number"); Scanf("o/od", Ln); While (ich) Sum = Sumt is; Att; Printf (Su Sum of bd natural number: "od", n, Sym); refrom 0; Write a Brogram to Calculate sum of first N even natural numbers. # include < stdio.h > int main () { int i=1, h, Sym=0; Printf ("Enter number"); Scanf("/od", kn); while (ic=h) & Sum = Sum & ; Att (Sym= Sum+ 2*1); Att; Printf ("Sum of Modersen natural number: Mod", h , Sum); return 0; @ Write a Program to Calculate sum of first N odd natural humbers.

#include < stroin.h>
intmain() {in+ i=1; h, Sum=0; Printf ("Enter number"); Scanf("%d", ln); while (ic=h) & Sum=Sum+(2*1-1); Printf ("Sym of %od odd natural number: %od", h, sym);

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@ Write a Brogram to Cakulate sym of square of first N natural number
     # include Lstio h>
       int main()
    { int i=1, n, Sum=0;
       Parintf ("Exter number");
      Scanf ("60", kn);
      While (iz=h)
       [ Sym = Sym + (i * i);
         Att;
       Printf ("Sum of Square of first 100%) number: %od", n, sum);
        refutch 0:
(65) Write a Brogram to Calculate sum of cuber of first N natural number.
    #include Lattion>
       int main ()
     { int i=1, n, Sum=0;
      Brintf ("Enter number");
      Scanf("0/0d", &n);
      While (iz=h)
      { Sum = Sum + (i * i * i);
       L++;
     Printf ("Extensum of cubes of first %d number: "/od", h, Sum);
       oreturn 0;
66 Write a Program to Calculate factorial of a number.
   # include <stilo h>
      int main ()
    { int i=1, facts, h;
     Printf ("Enter number");
    Scanf ("10d", kn);
    while (ic=h)
    { fact = fact x ;
      itt;
     Printf ('factorial of 1/00! is %d, h, fact);
      return 0;
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Dra

(i) Write a Program to Count digit in a given number #include 45thio hs int main () fint an , Count = 0; Brûntf ("Enter humber"); Scanf ("%)", In); while(h = 0) t h= h/10; Count ++ ; Printf("No. of digit in an integer is: %d", Count); return O: 08 Write a Program to cheek wheather a given number is a Prime number or not. #include < Stdio. h> int main () fint i, K; Brintf ("Enter number"); Scanf ("/01", RJC); tox(01=2; 12=x-1, i++) { If (x % i == 0) break ;

Printf ("Prime number");

Printf ("pot a Prime number");

Chef

return O;