```
WAP un C++ to find fournal of a
                                   number using
   No argungent to ret
  with arguigent no source rature
 No argument with some ratue, - with
 # include < 10stscam>
  using namespace utd;
  void - fact ()
    int n;
    int K=1;
    Cout << " Enter the no. from you want the factorial" << endl
     un >>n;
    for (int i=1; i<=n;i++)
      1 K = K*i;
     Cout «" The factional of "«n«" with no argument and
     Oreturn value is " « K « cendl;
    Void factorial (int n)
    1 int y=1;
       for (int i=1; i<=n, i++)
        y= y* i;
     Coul «"The factional of "«n«" with argument and
        vilturn Value is "Ky Kendl;
      int factorial return ()
     { int n;
     lout «" Eyer the no. from you wont the factorial "« eall;
     (in >>n;
     for ( int i=1; ic=n; i++)
        K= K*i;
     Justin K)
                                           J.Daman
                                          7005839
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I Dayon int of (int n) 2005839 { int y = 1; for (int i=1; i <= n; i++) vietury; int main () { fact (); Cont << " Enter the no. from you want the factoral" « endly factoral (P) int m= factoral return (); Cout << " The factorial of is no argunyant and with seturn in Cout « Enter the no. from you want the factorial " could Lin >> 92; Cont << "The factorial with argument and return value
of is "<< condl. int 1= f(q) return 0; Enter the no. from you want the factorial The justinal of 5 with he argument and return value to 120. Enter the po. from you want the factorial The factorial of 4 with argungent and no return value is Enter the no. from you want the factorial The factional of is no argument and with return value is 6 Enter the no from you want the jactorial The factorial with argument and return value of is

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@ WAP in CHE using function that science two nos. and duplay
                        prime go b/w dhem.
 # include 2 issbram>
  using namespace ustd)
   int year Prime Number (int n);
   int main(){
   int n1, n2, i, jis
   Cout « " Enter two positive integers: " ( end)
   (in >> n1>>n2;
   but « " Prinze number between "«nic«"and " << n2 <<" are:
   for (i = n1 +1; i < n2; ++i)
     1 J. = GulfringeNumber (i);
        if (1==1)
       Cout <<" . "<<i;
      return 0;
  int year Prime Number (int n)
     int j , j , = 1 ;
    for (j=2; j <= n/2; j++)
        y (n y.j = = 0) [ " [ Jane [ waspipani sh).
     I return 11;
butput - Enter two positive integers
     Pringe number between I and 20 are;
       2 3 5 7 11 13 17 19
                                            J. Dayon
                                            2005 839
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WAD in (++ using functions to add, just sait, multiply,
 and divide two complex numbers
# 17 clude ( ist scam)
 using namespace istd;
 void result ( int a, int b, int (, int b))
    Cout << " The number is " << a << "+" << b << "i" << ends
   Cout << " the number is " << as << " + " << b1 << " i " << endl)
 Void Surrecomplex (int a, int b, int a, int & b,)
 1 int K, m;
      K = a +a,;
     m = b + b1
      Cout << " the isum is " << k << " +" << m << " i" << endl;
   Void productromplex (int a, int b, int a, int b)
   int k, m;
    K = a * a; * - 6 * b;
     m = a \times b, + b \times a_i
    but << " the fooduct pumber is " << k << " +" << m << "+" << trul;
 Virid Subtract complex ( int a, int b, int a, int b.))
    int Kim;
    K = a - 6,
    m = b - bij
    Cout << # the Bubtraition is "<< K << " + " << m << " i" << endl;
 Void divide Complex (inta, int 6, int (, int d)
 [ frut K = (axc+b*d);
   frut 1 = ((*(+d*d))
   furt i = (6* ( - a* d);
   Cout & " The disson of complex number is " << 1/2 << " + " ( i/2 << " i" <
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J. Damar 2005 839

int main() Could <<" conter the real part of 1st complex no. " << ends) Court << " Enter the imaginary part of 1st complex no "Exercely Cout << " Enter the real part of 2nd Complex no. "<< end; Cout << " Enter the imaginary part of 2nd complex no. " << endl; in >> di sex Wet la, x xis vesult (a, b, (, d); verice (KA), suntimplex (a, b, c, d); product complex (a, b, c, d); Subtract complex (a,b, (,d); divide complex (a, b, 1, d); return 0; Output: Enter real part of 1st complex no. Enter the imaginary part of 1st complex no. Enter the real part of 2nd complex no. Enter the imaginary part of 2rd complex no. The number is 1+2i The number is 344i The dum is 4+6i The product number is -5.+ loi The subtraction is -2 + (-zi) The divisor of complex number is 0.44 + 0.08i I Day an

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a securisive function that adds # include < iostroan > n natural no. using namespace std; int usum (int n) ( if (n == 0) 1 veturn 0; return h + Sum (n-1); int main () fint n, k; Cout <<" Eyes the number upto which you want the isum" << end cin >> n; K = Sum(n); last << " The sum of "<< n<< " numbers is "<< K<< endly vietura 0; output -Enter the number with which you want the sum The sum of 10 numbers is 55. J. Danjan

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