Pount all prime number from soton boot unckrowne (ent n) { 600/ prime = tours Planedon tone & the Chamber Brown 1+ (n==01)n==1) X peune : false; tous (int i= 2 ; i <= n-1; i++) < output 1+ (nº/.(==0){ and the num: 10 prune = falu. 2 3 5 7 ander the new = 20 2 3 5 7 11 13 17 19. neturn prime. CELEBOOK TO THE ASSESSMENT OF THE PARTY OF T unt main () { cout ex "anter the num:"; cui >> num. ton (uiti=1; i = num; i++) { bool check = check Prinseli); if (check) x coutaxiax"; Middle to the few at the state of - form) 110 8 0 1 50 a netwuro; * Conditional operators: Allo known as tenany operator i.e condition ? statement 2: statement 2 1 if true-IN BADROLLEA if false-(1) cx: (age 7 = 18)? route " Can vote ": centex" court vote". (marks 7-90)? coul Ke" Grade A": cent K" Grade B"} of it is the short nands notation of if elec statement and considered to sietemans

2) conatra member ming * Problem Solving stank Perist all digits in an Integer. dyitt int digits[]= <1,2,3,4) rioid printoligits (unt intiger) ? uid num =0; ton(intizo; 164; 194) < decule (untegers o) < int run = integer 1.10, num=num*10+ cliqiti[i]; cout << rum < " " unt eg ey/=10. more course num; neturno; the unt maun () unt untegen. cout cs " cutles the unteger 8"; cutput 1234 cun 77 sintegey. printoligits (Lintegere); setwer o. coult in the ten running; the source with the rest of the sum it it is Center the untegen: 123 eutpert: of lekerk) fi convert dutance in KM (3) Prents mumber of set bits to rules int noofsets Beis (intn) { + loat KmTo rules (float km) < int total =0; float miles; mile (170) 4 miles = (1/1.609)+km; i+ (n 21) { return miles; polousque totalttl; susual assa with moun () K sold sold & float KM; coules KM;", cun >7 KM. enturen tatal; float nuille : KM Tomiles (KM) eoutes mille. unt main (17 untrum. seletput 30 eaut < " culey the number; center KM: 32 cus 77 num. unt total = no Of sets Bits (mun). 19:8881 miles cout 15 4 The total mo. of sets Bits are: " 1870 statement that compolenses sellem o. center the member: 10 output: The total no of tel Bits are: 2

```
* Problem soleting Hemanous
 1) Remove a Integer
   unt remerse No ( int mem) <
       unt eneuerse =0;
       toer ( will = num; 120; 1/=10) <
              int sum = 1%10;
summe = renduse*10 + run;
        return ranvere.
 unt main () of
      cent'ex " center the no mant to do raneus:"; cin77n.
      uutn.
      unt reverse = reverse No (n);
        contic "The never of " extrec" is " ex neverse;
                                       Output
       netwero;
                                 Enter the no ___ = 123
                                The number of 123 is 321
   Convent cellin to fahranhiet
float celsmitotalven ( intelline)
     floact c = alsine;
      fwat F.
      F=C*9/5+32;
      sutwin F;
 int main() {
    float lelliw;
    cout << " Finter the value of Celsine:";
    curz celsini.
    float favuenheit: celsine To Fahren (celsin);
    coup ex "The" ex celsion ex "C. is "ex pahenenteit ex "F".
    netwerno.
                                Queput
                            Enter the value of celling: 34.7
                              The 34.76 is 93.2F.
```