```
1. Write a C program to input three numbers and determine which one is largest
   #include < stdio.h>
   int main () {
    int a, b, c;
    printf ("Enter three numbers: ");
    scanf ("%d %d %d", &a, &b, &c);
                                          print ("The is a wap que as I had") grant
     printf ("%d is the largest number. \n", a); 3
     else if (b>=a && b>=c) {
     printf ("%d is the largest number. \n", 6);}
     else
     printf ("%d is the largest number. \n", c); }
                                             Timo roy 2.15 - 2 fine on the
     return 0;
                                             Mound to a - Alme her
                              a no. from the user and displays whether it is
2. Write a C program that accepts
  positive, negative, or zero.
                                                       Knowles Student a
   # include < stdio.h>
    int main() {
    int num;
    printf ("Enter a number: ");
    scanf ("%d", qnum);
                               inite ( when piat tapatan mans comment
   if (num >0) {
    printf ("The number is positive. \n"); }
                                                  (Ring July gunis);
    else if (num<0) {
     printf ("The number is negative. \n"); }
                                              18 : 611 * 116 : 18 :
                                                  3 (00) => Strue (1)
     printf ("The number is zero. \n"); }-
                                                $ (00 -> 2 in) 1 1 9213
     return 0;
                       3 -2 + (100 + 200) + (100 + 3) + (100 + 3) + 3 - 8
```

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3. Write a C program to check whether a given year is leap or not.
  #include <stdio.n>
   int main () {
   printf ("Enter a year: ");
   scanf ("%d", qyear);
   if ((year % 400 == 0) 11 (year % 4== 0
   Eq year % 100 (=0)) {
    printf ("%d is a wap year.\n", year); }
    printf ("%d is not a leap year ~n", year); }
                              file "ax-mon motor we in the series
   return 0:
4. write a c program to calculate the electricity bill based on the following conditions:
  Upto 100 units → ₹ 1.5 per unit
  101 to 200 units -> 7 2 per unit
  201 to 300 units - $ 3 per unit
 Above 300 units → ₹5 per unit.
                                              #include <stdia.in>
                                                      KNOWER DUNG &
  int main () {
   int units;
  float bill;
  printf ("Enter total electricity units consumed: ");
  scarf ("%d", qurits);
                                 Fig. mainour is positive. XM); }
  if (units <=100) {
                               find ("not manther is regulish In"); }
      bill = units * 1.5° }
  esse if (units <= 200) {
     bill z (100 * 1.5) + (writs - 100) * 2; }
  else if Curits <= 300) {
      bill z (100*1.5) + (100*2) + (units-200) *3,3
   else {
      bill = (100* 1.5) + (100* 2) + (100*3) + (units-300) * 5; }
     printf ("Toral electricity bill = Rs. %. 2 f\n", bill);
     return 0;
```

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5. Write a C program to input a number n and calculate the sum of first n natural
  numbers using the formula:
       8um = n x (n+1)/2
   #include <8tdis.n>
    int main () {
     intn:
    int sum;
    printf ("Enter the number: ");
    scount ("%d", &n);
    sum 2 n* (n+1)/2;
     printf ("sum of first %d natural numbers is: "od\n", n, sum);
     return 0:
6. Write a c program to input a number and check whether it is divisible by 5 and
   11 ornot.
) # include <stdion>
    int main () }
     int num;
     printf ("Enter a number: ");
     scanf ("%d", gnum);
     if (num %5==0 && num %11 ==0) {
       printf ("%d is divisible by both 5 and 11. \n", num); }
     else {
       printf ("%d is not divisible by both 5 and 11. \n", num); }
     veturn o:
```