```
Observation
                           (2) Subtraction
1) Addition
                          #include < stdio- h>;
#include 2 Stolio. h);
                          roid mainly;
Void main();
                                int a,b,C;
     inta,b,c;
                                a=5,b=3;
     a=2, b=2;
                                C = a - bj
                                printf("%d",c);
     e = a + b
      printf("%d",c);
                          (4) Division
3 Multiplication
                           # include ( Stolio h);
# include estatio. 6);
                           void maine;
Void main();
                               float absc;
     intabol;
                                a = 9, b = 3;
     a=2,6=3;
                                c=a/b;
printf ("%);
       C=0*b;
        prinf ("dod", e);
```

6 Circle (\$) Rectangle # include < Stdio. h) #include < stdio. h> void maine) Void main() ed maint; float pi, r, area; float C, b, area; pi=3.14, Y=3; C=5,b=6; area = pi * r*r; area= (*b; printf (" % f", area); printf ("cofof" sarea); 3: (0: 1016) Harry 8 Triangle (7) Square moisini # include 2 stolio. h) # includer statio hs Void main() void main() float b, h, area; float sparea; b=6, h=2; s=4; area= Side*Side printf ("/of", area); area = (6 * 6) (float printf (" of " area

```
DAILY DOSE.
Unite binary prepresentation of 1 to 30
                         2°=1 2'=2 2'=4
1 2 48 -
     1 --> 00000001
     \frac{2}{3} \xrightarrow{7} 00000010
     4 -> 00000100
      5 -> 000 00101
       6- 000 00110
       7-) 00000111
       8- 00001000
       9 -> 00001007
     10-, 00001010
      11 -> 00001100 00001011
      12 -> 0000 1100
                            Hira
      13-> 00001101
                           29-9 000 11101
       (4 -) 0000 1110
                            30 -> 000 17110
       15 -) 0000 1111
        16 7 000 10000
                                  31
        17 -) 00.010001
         19 - 000 10012
         20 -> 00010100
         21 -) 00010101
          22 - 9 00010110
          23 -) 00010111
          24 -) 00011000
                                (25,33)10
(11001,0101)2
          25 -> 000 7100]
           26 -) 00011010
           27-) 00071011
           28 - 00011100
```

```
Data type problems
                                Charles States 1
VI pps.c
    #include < stdio-fis
                                     Dates Ales
     void main()
         char a, b, c;
         printf (" Enter the three values");
         scarf (" olokolok oloc", Lashbolc);
         printf (co/colocoloc', c, b, a);
             1305 - 313 6) 13 13 14 1/ 1) } in 18
2 vi rectangle.c
  #include ¿stdio. 6>
   void main ()
       int C, b, area, per;
                                    O BERT BOUL
       printf ("In Enter");
       scarf (" - (od", & ();
      printf ("In Enter b");
        scarf ( cc % d", 26);
        area = [ *b ;
         per = 2 x ((+6))
          print f (« In Area of rectangle = "lod", area);
           printf (cc In Area of rectangle = "lod", per);
```

```
vi circle·c
# include < Stdio. 6>
Void main()
     float r, pi, area, per;
      printf ("In Enter "");
      scanf ( cc %d", 2r);
        per = 2+3-14+1;
       printf (coln Area of circle = % d, area);
       printf ("In Perimeter of circle = "lod, per);
vi Size C @
 #include ¿stdio.h>
  void main y
    printf (cc/n size of Integer = fold size of lint
     printf (" size of char= % (d) size of (char);
     printf (" size of float=10ld", sizeof(float));
 Ni intrestic
 # include astolio. As
  void mainu
       int P,T,R,II;
        P=20
```

```
Chebyle's a heavy
       I = PTR
       printf ( " In Simple Intrest = " lod", I)
5) vi variable.c
                       Torderport lepots
  #include < stdio. 6>
   void main ()
                     cled to stand sold so
  mind ( whole fed fed for ) years, marker ?
       inta;
       Short int b;
       long int c;
       longlongint di
       char ch; produce and and
       float f j
       double ad;
        longdouble ld;
        Scarf (" % olod olod olold of (Cd olo Colof olof olof olof)
    La, Ab, Ac, Ad, Ach, Af, Lad, Ald);
        printf ( " 10d of od of old of cld 100 of of of of of
                     a, b, c, d, ch, f, ad, (d);
```

#include astdio.h) void mains) int days jdays 1, day 2; Scanf (" ofod", 2 days); int years, months; years = days/365; days1= days% 365; months = days |30; day 52=day 5%30 print f (colod d'odolod", y ears, months, days) id historia #include < stdion) co to provi roid maine) o flopropio int a, b, c, Sum, prod, avg; a=3,b=2, c=4; cooledon $Sum = atb+c_j$ 1 sandpar prod = axb*Cj avg = attite; 100 () 3 mile printf (" dod dod dod", sum, prool, avg); 4: Lanho, Adochesides

```
8) #include < stdio. hs
    void mains)
       int pens, cost, units, g, Rs;
        pens = 10 ;
        cost = 20)
        units = 50)
10-20 g = pens x units;
      · Rs = cost x units;
printf (" olod, olod", 9, Rs);
(2) (2(F-31))^{5}
\frac{52}{758} \sqrt{9c = 5F - 160} \frac{9}{9c + 160} = F
 1845 # include coldions
     void main()
       float cf;
        printf Chenter
       printf ("In Enter the value of f") i
     scanf ( cofof", 2f);
   1C = (f-32)*5/qj
        printf ("Incelsizes = %.3f",c);
```

```
#include astdio. 6)
 yold main()
   float total distance, fuel, auguon sumption;
    printf(a)n Enter-total distance");
    scanf (" of", I total distance).
     printf ("In Enter fuel");
    Scarf ( " of ", Speel );
     avg consumption = to talchistance ffuel;
     printf(10 margconsumption = %.2f,"argconsump
                                        10800
#includec Stdio-65
                                        (0800
 int maine)
   int seconds; seconds, seconds; hr = 3
                                      min= 180
   scanf ( cc god", Ise ands);
    int hours, minutes;
    hours = seconds/3600 j
    seconds 1 = seconds 1/0 3600;
    minutes = seconds/60;
    seconds 2 = Seconds 0,060;
     printf ( c( Inno. of Rours = % d, Rours);
      printf ("In no. of minutes= "lad", minutes);
      printf ("In no of seconds= olod", seconds);
     return o;
```