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Computer.

Assignment. -1

```
# include <stdio.h>
```

① Add 2 no.

```
void add ()
{
    int a,b;
    printf ("enter 2 no.");
    scanf ("%d %d", &a, &b);
    printf ("sum = %d\n", a+b);
}
```

② Subtract,

```
void subtract ()
{
    int a,b;
    printf ("enter two numbers");
    scanf ("%d %d", &a, &b);
    printf ("difference = %d n", a-b);
}
```

③ Multiply 2 no.,

```
void multiply ()
{
    int a,b;
    printf ("enter 2 no.:");
    scanf ("%d %d &a, &b);
    printf ("Product =%d\n", a*b);
}
```

④ divide:.

```
void divide ()
{
    float a,b;
    printf ("enter 2 no.:");
    scanf ("%f %f", &a, &b);
    if (b != 0)
        printf ("Quotient =%.2f\n", a/b);
    else
        printf ("division by zero not allowed
        \n");
}
```

⑤ Hours into minute

```
void hours to minutes ()
{
    int h;
    printf ("enter hours");
    scanf ("%d and &h);
```

```
printf ("%d hours = %d minutes\n", h, h*60);
}
```

⑦ min into hours.

```
void minutes to hour()
{
    int m;
    printf ("enter minutes");
    scanf ("%d", &m);
    printf ("%d minutes = %.2f hours\n",
            m, m/60);
}
```

⑧ dollars to Rs (1$ = 48).

```
void dollars to Rs()
{
    float d;
    printf ("enter dollars");
    scanf ("%f", &d);
    printf ("%.2f dollars = %.2f Rs\n", d,
            d * 48);
}
```

⑨ Rs to dollars

```
void rs to dollars()
{
    float rs;
```

```
printf ("enter rs");
scanf ("%f", &rs");
printf ("%.2f Rs = %.2f dollars\n", rs, rs/48);
}
```

10. dollars to pound.

```
void dollar to pound()
{ float d;
  printf ("enter dollars");
  scanf ("%f", &d);
  float rs = d * 48;
  float pound = rs / 70;
  printf ("%.2f dollars = %.2f pounds\n
", d, pound);
}
```

(11). grams to kg.

```
void grams to kg()
{ float g;
  printf ("enter grams");
  scanf ("%f", &g);
  printf (".2f grams = %.2f kg\n", g,
          g/1000);
}
```

(12) kg to grams

```
void kg to grams()
{
    float kg;
    printf("enter kg");
    scanf("%f", &kg);
    printf("%.2f kg = %.2f grams\n", kg,
           kg * 1000);
}
```

(13) Bytes to KB, MB, GB

```
void bytes convert()
{
    float b;
    printf("enter bytes");
    scanf("%f", &b);
    printf("KB = %.2f\n", b/1024);
    printf("MB = %.2f\n", b/(1024*1024));
}
```

(14) celsius to fahrenheit

```
void cToF()
{
    float c;
    printf("enter celsius");
    scanf("%f", &c);
    printf("Fahrenheit = %.2f\n",
           (9.0/5)*c + 32));
}
```

(15) Fahrenheit to celsius

```
void ffoCC()
{
    float f;
    printf("enter fahrenheit");
    scanf("%f", &f);
    printf("celsius = %.2f\n", (5.0/9)*
    (f - 32));
```

(16) Interest = PRN/100

```
void interest()
{
    float p, r, n;
    printf("enter principal, rate, time");
    scanf("%f %f %f", &p, &r, &n);
    printf("interest = %.2f\n", (p*r*n)/100);
```

(17) Area and perimeter of square

```
void square()
{
    float I;
    printf("enter side");
    scanf("%f", &I);
    printf("Area = %.2f, perimeter = %.2f\n
    ", I*I, 4*I);
}
```

(18) Area and perimeter of Rectangle

```
void rectangle()
{
    float l, b;
    printf("enter length and breadth ");
    scanf("%f %f", &l, &b);
    printf("Area = %.2f, perimeter = %.2
f\n", l*b, 2*(l+b));
}
```

(19) Area of circle

```
void circle()
{
    float r;
    printf("enter radius ");
    scanf("%f", &r);
    printf("Area = %.2f\n", 22.0/7*r*r);
}
```

(20) Area of triangle

```
void triangle()
{
    float h, b;
    printf("enter height and base");
    scanf("%f %f", &h, &b);
    printf("Area = %.2f\n", 0.5*h*b);
}
```

(21) net salary

```
void netsalary()
{ float gross;
  printf("enter gross salary");
  scanf("%f", &gross);
  float allowance = 0.10 * gross;
  float deduction = 0.03 * gross;
  float net = gross + allowance - deduction;
  printf("net salary = %.2f\n", net);
}
```

(22) net sales

```
void average()
{ float a, b, c;
printf("total = %.2f, average = %.2f\n",
      total, total/3);
}
```

(23) swap 2 values

```
void swap()
{ int a, b, temp;
  printf("enter two numbers");
  scanf("%d %d", &a, &b);
  temp = a;
  a = b;
  b = temp;
  printf("After swap : a = %d,
  b = %d\n", a, b);
  }.
```