(1) 7.

```c
#include<stdio.h>
int main()
{
    int i; char c; long k; float f; double x;
    printf("Input i,c,k,f and x\n");
    scanf("i=%d c=%c", &i,&c);
    scanf("k=%ld",&k);
    scanf("f=%f x=%lf",&f,&x);
    printf("i=%d c=%c k=%ld f=%f x=%lf\n",i,c,k,f,x);
    return 0;
}
```

11. (1) V=4/3*3.141593*r*r*r

   (2) R=1/(1/R1+1/R2)

   (3) y=x*x*x*x*x+x*x*x+6

   (4) F=G*M1*M2/(R*R)

   (5) sin(x)/x+fabs(cos(3.141593*x/2))

   (6) (a>0)&&(a<10)

   (7) (x=1)!=(y=2)

12. (1) a=5;b=16;

   (2) a=5; c=10;

15.

```c
#include<stdio.h>
int   main()
{
    int a,b,c,d,min,max; float e;
    scanf("%d%d%d",&a,&b,&c);
    d=a+b+c;
    e=(float a)+(float b)+(float c)/3;
    min=a;
    if (min>b) min=b;
    if(min>c) min=c;
    max=a;
    if(max<b) max=b;
    if(max<c) max=c;
```

```c
        printf("%d%f%d%d\n",d,e,min,max);
        return 0;
    }
```

16.
```c
    #include<stdio.h>
    int  main()
    {
        int a,b;
        scanf("%d%d",&a,&b);
        if(a<b) printf("小于\n");
        if(a>b) printf("大于\n");
        if(a==b) printf("等于\n");
        else printf("不等于\n");
        if(a%b==0) printf("a 整除 b\n");
        if(b%a==0) printf("b 整除 a\n"); return 0;
    }
```

(2) `#include<stdio.h>`
(3)
```c
    int main ()
    {
        int a,b,c;
        printf("Enter a 2-digit number:%d\n",a);
        b=a%10;
        c=b*10;
        a=c+b;
        printf("The reversal is:%d\n",a);
        return 0;
    }
```