

1.

```

1 #include <stdio.h>
2
3
4 int main()
5 {
6     int NoOfdays, years, weeks, days;
7     printf("Please enter the number of days :");
8     scanf("%d", &NoOfdays);
9
10    years = NoOfdays / 365;
11    weeks = (NoOfdays % 365) / 7;
12    days = (NoOfdays % 365) % 7;
13
14    printf("years = %d", years);
15    printf("weeks = %d", weeks);
16    printf("days = %d", days);
17    return 0;
18 }
19

```

4

```

1 #include <stdio.h>
2
3 int main()
4 {
5     int age;
6     int cnt_baby=0, cnt_school=0, cnt_adult=0;
7     int count=0;
8
9     while(1)
10    {
11        printf("Enter age of person (0): ", count++);
12        scanf("%d", &age);
13        if (age == 0 || age < 0)
14            cnt_baby++;
15        else if (age >= 6 && age < 18)
16            cnt_school++;
17        else
18            cnt_adult++;
19        //increment counter
20        count++;
21    }
22    printf("Baby age: %d", cnt_baby);
23    printf("School age: %d", cnt_school);
24    printf("Adult age: %d", cnt_adult);
25    return 0;
26 }
27

```

2.

```

1 #include <stdio.h>
2 #include <math.h>
3
4 int main()
5 {
6     float a, b, c, s, p, area;
7     printf("Enter a, b, c: ");
8     scanf("%f %f %f", &a, &b, &c);
9     printf("a: %f\n", a);
10    printf("b: %f\n", b);
11    printf("c: %f\n", c);
12    printf("s: %f\n", s);
13    printf("p: %f\n", p);
14    printf("area: %f\n", area);
15    printf("Area between the side p and s: %f", s * p);
16    printf("Area between the side p and c: %f", p * c);
17    printf("Area between the side p and a: %f", p * a);
18
19    return 0;
20 }
21

```

3.

5

```

1 #include <stdio.h>
2 #include <math.h>
3
4 int main()
5 {
6     float x, y, z, p, s, area;
7     printf("Enter x, y, z: ");
8     scanf("%f %f %f", &x, &y, &z);
9     printf("x: %f\n", x);
10    printf("y: %f\n", y);
11    printf("z: %f\n", z);
12    printf("s: %f\n", s);
13    printf("p: %f\n", p);
14    printf("area: %f\n", area);
15    printf("Area between the side p and s: %f", s * p);
16    printf("Area between the side p and z: %f", p * z);
17    printf("Area between the side p and x: %f", p * x);
18
19    return 0;
20 }
21

```

```

1 #include <stdio.h>
2 #include <math.h>
3
4 int main()
5 {
6     float x, y, z, p, s, area;
7     printf("Enter x, y, z: ");
8     scanf("%f %f %f", &x, &y, &z);
9     printf("x: %f\n", x);
10    printf("y: %f\n", y);
11    printf("z: %f\n", z);
12    printf("s: %f\n", s);
13    printf("p: %f\n", p);
14    printf("area: %f\n", area);
15    printf("Area between the side p and s: %f", s * p);
16    printf("Area between the side p and z: %f", p * z);
17    printf("Area between the side p and x: %f", p * x);
18
19    return 0;
20 }
21

```