

1. 将下列十进制整数用八进制整数和十六进制数表示（以 32 位字表示）

(1) 9(11,9) (2) 64(100,40) (3) 85(125,55) (4) -53(37777777713,ffffffcb)
(5) -111(3777777621,fffff91) (6) 2499(4703,9c3) (7) -28654(37777710022,ffff9012)
(8) 21019(51033,521b)

2. 指出下列内容哪些是 c 语言的整型常量，哪些是实型常量，哪些两者都不是？

整型常量: 4,8,10,12

实型常量: 3,5,13,14

两者都不是: 1, 2, 6, 7, 9, 11

3.

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

```
void main()
```

```
{
```

```
    int i=1,j=2,k=3,u=47215;
```

```
    char c1='a',c2='b';
```

```
    float x=2.2,y=3.4,z=-5.6;
```

```
        printf("i=%d j=%d k=%d\n",i,j,k);
```

```
        printf("x=%f y=%f z=%f\n",x,y,z);
```

```
    printf("x+y=%0.2f y+z=%0.2f z+x=%0.2f\n",x+y,y+z,z+x);
```

```
        printf("u=%d\n",u);
```

```
        printf("c1='%c' or %d(ASCII) c2='%c' or %d (ASCII)\n",c1,c1,c2,c2);
```

```
}
```

7.

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

```
void main()
```

```
{ int i;
```

```
    long k;
```

```
    char c;
```

```
    float f;
```

```
    double x;
```

```
    scanf("i=%d c=%c",&i,&c);
```

```
    scanf("k=%ld",&k);
```

```
    scanf("f=%f x=%lf",&f,&x);
```

```
    printf("\ni=%d, c=%c, k=%d, f=%0.1f, x=%0.1f\n",i,c,k,f,x);
```

```
}
```

下面是该程序的输入和输出示例:

```
i=2 c=Bk=123456f=5.8 x=3.4
i=2, c=B, k=123456, f=5.8, x=3.4
Press any key to continue
```