

16.

```
void main()
{
    int a;
    for(a=0 ; a<10 ; a++)
    {
        outportb (0x378, 0x0f);
        delay (2000);
        outportb (0x378, 0x00);
        delay (1000);
    }
}
```

17.

```
void main()
{
    int number[10]={1,2,3,4,5,6,7,8,9,10};
    int sum=0,a,avr;

    for ( a=0 ; a<10 ; a++)
    {
        sum=sum+number[a];
    }
    avr=sum/10;
    printf (" average= %d -- sum = %d ",avr, sum);
}
```

17.

```
void main()
{
    int R[10]={3,6,18,12,15,30,60,70,11,10};
    int RT=0,a;

    for ( a=0 ; a<10 ; a++)
    {
        RT=RT+R[a];
    }
    for ( a=0 ;a<10 ;a++) printf ( R[a]);

    printf (" RT= %d "RT);
}
```

18.

```
void main()
{
    int number[10]={-2,3,0,9,-5,4,6,-8,-9,0};
    int pos=0,a,neg=0;

    for ( a=0 ; a<10 ; a++)
    {
        if (number[a]>=0)
            pos++;
        else
            neg++;
    }

    printf (" positive= %d -- negative = %d "pos, neg);
}
```

8.

```
void main()
{
    int R[6]={30,60,10,100,150,50};
    int RT=0,I;

    for ( a=0 ; a<10 ; a++)
    {
        RT=RT+R[a];
    }

    printf (" RT= %d "RT);
    I=10/RT;
    For ( a=0 ;a<10 ; a++)
        Printf ( V%d= %d", a , I*R[a]);

}
```

9.

```
void main()
{
    int N;
    int a,X=0X01;
    scanf("%d",&N);
    if ( N>0 && N<9 )
    {
        for ( a=0 ; a<N-1 ; a++)
            X=X<<1;
        Outportb(0x378,X);
        Delay(N*1000);
    }
}
```

