```
a.
        void f1(int n)
            int i=2;
            while(i < n){</pre>
                 /* do something that takes O(1) time */
                 i = i*i;
        }
     6.
                                                                                                  void f2(int n)
                                                                          ラ(の() できの())
こぞの() +意義の()
           for(int i=1; i <= n; i++){</pre>
                if( (i % (int)sqrt(n)) == 0){
                    for(int k=0; k < pow(i,3); k++) {</pre>
                       /* do something that takes O(1) time */
                }
           }
      }
     C.
                                                                                                          (ussame it rank every time)
 for(int i=1; i <= n; i++){
      for(int k=1; k <= n; k++){</pre>
                                                                                                         if( A[k] == i){
          for(int m=1; m <= n; m=m+m){</pre>
                                                                            至是[0()+差0()]
           // do something that takes O(1) time
           // Assume the contents of the A[] array are not changed
                                                                                                               是产几(1)
                                                                              2 20(1)
2 (10)
                                                                                                               20(1)
                                                                                                                a(r)
                                                                               () (r)
                                                                                          O+ O both (n')
 int f (int n)
     int *a = new int [10];
     int size = 10;
      for (int i = 0; i < n; i ++)
         /if (i == size)
                int newsize = 3*size/2:
                int *b = new int [newsize];
            for (int j = 0; j < size; j ++) b[j] = a[j];</pre>
      ⊕(₁)
    delete [] a; is condition a = b;
   a = b;
i) irrelevant size =

(ran : t = siz)

(ran : t = siz)
              size = newsize;
8(1) + 8(1) + 2(8(1) + 8(1) + 8(1) + 8(1) + 8(1) + 8(1) + 8(1) + 8(1) + 8(1)
 0(1) + 2 (00)+1000)
   (1) (1) + (P(m)
```