

Important: Completely fill in the circle that corresponds to the question you are answering on this page.

Question 1

Question 2

Question 3

Question 4

Begin your response to each question at the top of a new page.

```
a) public int findFreeBlock (int period, int duration) {  
    int free = -1;  
    for (int i = 0 ; i < 60 - duration + 1 ; i++) {  
        int count = 0;  
        for (int j = i ; j < i + duration ; j++) {  
            if (isMinuteFree (period, j)) {  
                count ++;  
            }  
            if (count == duration) {  
                free = i ;  
            }  
        }  
    }  
    return free;  
}
```