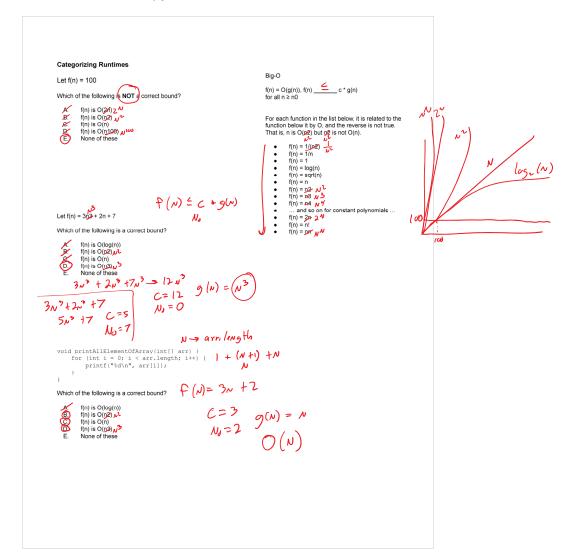
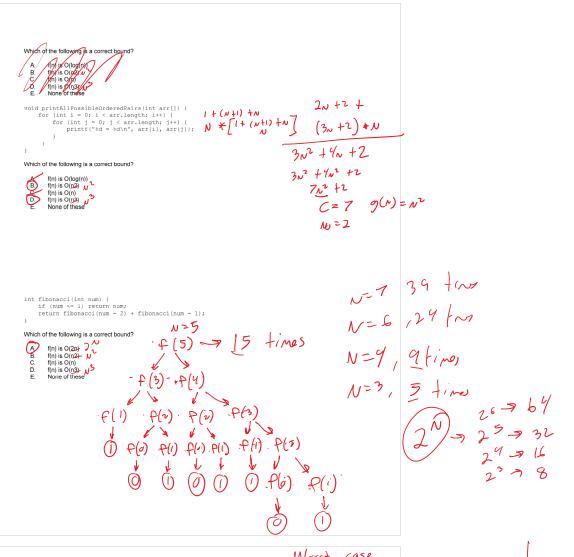
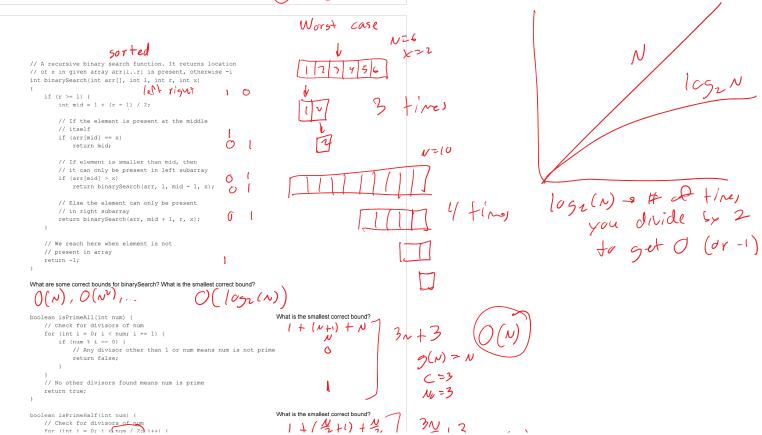
CSE12 - Lecture 10 - C00

Friday, October 14, 2022 11:00 AM

PA3 due Tuesday Examl > Next Friday b 20 scarh/BFs/BFs







```
return true;
}

boolean isPrimeHalf(int num) {

// Check for divisors of num
for (int i = 0: i (num / 2) i++) {

if (num % i == 0)

// Any divisor other than 1 or num means num is not prime
return false;
}

// No other divisors found means num is prime
return true;
}

What is the smallest correct bound?

// Leck for divisors of num
for (int i = 0: i (num / 2) i++) {

if (num % i == 0)

// Any divisor other than 1 or num means num is not prime
return true;
}

// No other divisors found means num is prime
return true;
}
```

```
void printAllItemsTwice(int arr[], int size)
     for (int i = 0; i < size; i++) {
    printf("%d\n", arr[i]);</pre>
     for (int i = 0; i < size; i++) {
    printf("%d\n", arr[i]);</pre>
What is the smallest correct bound?
void printFirstItemThenFirstHalfThenSayHil00Times(int arr[], int size)
     printf("First element of array = %d\n",arr[0]);
     for (int i = 0; i < size/2; i++) {
    printf("%d\n", arr[i]);
}</pre>
     for (int i = 0; i < 100; i++) {
    printf("Hi\n");</pre>
What is the smallest correct bound?
void printAllNumbersThenAllPairSums(int arr[], int size)
     for (int i = 0; i < size; i++) {
    printf("%d\n", arr[i]);
}</pre>
     for (int i = 0; i < size; i++) {
   for (int j = 0; j < size; j++) {
      printf("%d\n", arr[i] + arr[j]);
   }</pre>
What is the smallest correct bound?
```