BUG #1	Program can not get out of the while loop, keep looping. getPrimes at primeProgram: 61 61: x += 2; The x+=2 only will be run when x is a prime, but after x=2, x will be added to 4, and then when x is not a prime, x will not be added by 1 or 2. It means when x is not a prime, program will keep looping and do nothing.
How did you resolve it?	Change x+=2 to x+=1, and place it after line 62. Because not all even number are prime, and the x should be added to 1 when x is not a prime.
Issue solved? Yes or No	Yes

BUG #2	getPrimes at primeProgram: 48 48: total =+ arr[i];
How did you resolve it?	C don't have the usage of =+, so we should change it to total += arr[i]
Issue solved? Yes or No	Yes

BUG #3	Main at primeProgram: 33 33: if(argc = 2) { In if, we should use ==, instead of =. Use = in the if(), will be always true.
How did you resolve it?	solution： if(argc == 2) {
Issue solved? Yes or No	Yes

BUG #4	Sum at primeProgram: 46 46: int total; The total is uninitialized, it should be initialized as 0.
How did you resolve it?	solution： int total = 0;
Issue solved? Yes or No	Yes

BUG #5	getPrime at primeProgram: 54

	54: int result[n]; The result is an array defined in the function, it is a temporary value, so it will always return 0. So we should malloc some space for it.
How did you resolve it?	solution ： int *result = (int*)malloc(n * sizeof(int));
Issue solved? Yes or No	Yes

BUG #6	isPrime at primeProgram: 68 68: if(x % 2 == 0) { X=2 is a prime, but x%2 will still = 0. So it will miss 2 to be the prime.
How did you resolve it?	Solution: if(x!=2 && x % 2 == 0) {
Issue solved? Yes or No	Yes

BUG #7	vul.c： bug （5th line）—buffer overflow is possible ， strcpy cannot validate the length
How did you resolve it?	solution：use strncpy instead of strcpy
Issue solved? Yes or No	Yes

BUG #8	Main at stack/Heap overflow: 7 7: char buf1[16]; The buf1 is uninitialized, so it may contain unpredictable value.
How did you resolve it?	solution：char buf1[16]=”Hello World”;
Issue solved? Yes or No	Yes

BUG #9	Main at stack/Heap overflow: 8 8: strcpy(buf2, ""); The strcpy is not save, Because it will not check the value whether will overflow the size of the array.
How did you resolve it?	solution：Use strncpy instead of strcpy.

Issue solved? Yes or No	Yes

BUG #10	Main at stack/Heap overflow: 19 19: strcpy(buf3, ""); The strcpy is not save, Because it will not check the value whether will overflow the size of the array.
How did you resolve it?	solution： Use strncpy instead of strcpy.
Issue solved? Yes or No	Yes