

Name : _____

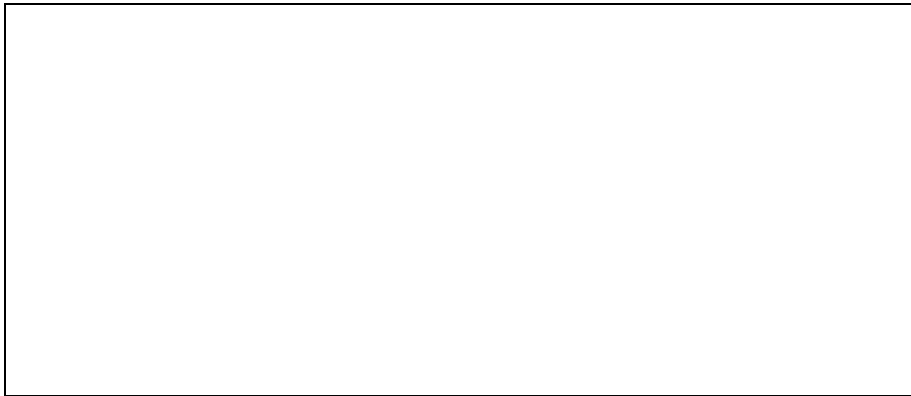
CS 100 Quiz #5

What is the output of the C program shown below when the user enters the following input: 3 1 4 1 5 9 2 6

```
#include <stdio.h>

int main(void) {
    int x, info[8];
    for (int a=0; a<8; a++) {
        scanf("%d", &info[a]);
    }

    for (int a=0; a<4; a++) {
        x = info[a] + info[7-a];
        printf("%d\n", x);
    }
    return 0;
}
```



What is the output of the C program shown below?

```
#include <stdio.h>

int main(void) {
    int nums[8] = { 2,7,1,8,2,8,1,8 };

    int z = 0;
    for (int a=0; a<8;a++)
        z = z + nums[a];
    printf("z is %d\n", z);

    int b=0, c=7;
    while (b < c) {
        printf("%d\n", nums[b] + nums[c]);
        b = b + 1;
        c = c - 1;
    }
    return 0;
}
```

