

Kerry Ojakian's CSI 31 Class
Class Assignment #3: For Loops

General Instructions:

- You may work in a group of at most 3 students.
- Write all your work on this sheet and hand it in.

The Assignment

1. *Consider the following code. Without typing it into the computer, determine which is larger at the end, i or k , or are they equal?. You must justify your answer.*

```
i = 0
k = 0
for x in range(1237656477665451):
    if x % 2 == 0:
        i = i + 1
    else:
        k = k + 1
```

2. Write a program (use a for loop) that takes user input of n (assume some positive integer), and it sums the odd integers less than n and prints out this value.

Example: If the user enters 6, then you sum $1 + 3 + 5 = 9$, so print out 9.