Name _____

CPADS Lab Activity #8

Program #1

```
var = input('Input a value between 60 and 100: ')
val = int(var)

if val > 90:
    print('Great job!')
elif val > 80 and val < 90:
    print('Not bad')
elif val >= 70 and val < 80:
    print('Could be better')
else:
    print('Need more practice')
```

What is the output of the above program if the user inputs the value **95** when prompted?

What is the output of the above program if the user inputs the value **90** when prompted?

What is the output of the above program if the user inputs the value **80** when prompted?

What is the output of the above program if the user inputs the value **65** when prompted?

What is the output of the above program if the user inputs the value **40** when prompted?

Name _____

Program #2

```
def compute_val(input):
    sum = 0

    for i in range(input):
        if i % 2 == 1:
            sum = sum + i
        else:
            sum = sum - i

    return sum

def main():
    val = compute_val(10)
    print(val)

main()
```

In English, describe what the program above does. What is the output of the program above?