

Name _____

CPADS Lab Activity #9**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?

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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?