Module 3: Critical Thinking

Alarm Time

Nolan Byrnes

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Colorado State University – Global Campus

Professor Steven Evans

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**Source Code:**

def main():

current\_hour = ask\_for\_integer("What is the current hour? ")

hours\_until\_alarm = ask\_for\_integer("How many hours do you want the alarm to wait for?")

result = current\_hour + hours\_until\_alarm

if result > 24:

result %= 24

print("The alarm will go off at", str(result) + ":00." )

else:

print("The alarm will go off at", str(result) + ":00." )

def ask\_for\_integer(text):

not\_number = True

while not\_number:

res = input(text)

try:

return int(res)

except ValueError:

not\_number = True

print("Please provide an integer as your response.\n")

if \_\_name\_\_ == '\_\_main\_\_' : main()

**Successful Execution:**

Rectangle

Description automatically generated

