

main.py



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Run

Output




Clear

```
1 import time
2 import datetime
3
4 def set_alarm(alarm_time):
5     while True:
6         current_time = datetime.datetime.now().strftime("%H:%M:%S")
7         if current_time == alarm_time:
8             print("Wake up! Alarm ringing...")
9             playsound("alarm.mp3") # Replace with the path to your
                                     alarm sound
10            break
11        time.sleep(1) # Check time every second
12
13 if __name__ == "__main__":
14     alarm_time = input("Enter alarm time (HH:MM:SS format): ")
15     print(f"Alarm set for {alarm_time}")
16     set_alarm(alarm_time)
17
```

```
Enter alarm time (HH:MM:SS format): 11:02:26
Alarm set for 11:02:26
```



main.py



Run

```
1 def add(x, y):
2     return x + y
3
4 def subtract(x, y):
5     return x - y
6
7 def multiply(x, y):
8     return x * y
9
10 def divide(x, y):
11     if y == 0:
12         return "Error! Division by zero."
13     return x / y
14
15 def calculator():
16     print("Select operation:")
17     print("1. Add")
18     print("2. Subtract")
19     print("3. Multiply")
20     print("4. Divide")
21
22     choice = input("Enter choice (1/2/3/4): ")
23
24     if choice in ('1', '2', '3', '4'):
25         num1 = float(input("Enter first number: "))
26         num2 = float(input("Enter second number: "))
27
28         if choice == '1':
29             print(f"Result: {add(num1, num2)}")
30         elif choice == '2':
31             print(f"Result: {subtract(num1, num2)}")
32         elif choice == '3':
33             print(f"Result: {multiply(num1, num2)}")
34         elif choice == '4':
35             print(f"Result: {divide(num1, num2)}")
36     else:
37         print("Invalid input")
38
39 if __name__ == "__main__":
40     calculator()
41
```

Output

Clear

Select operation:
1. Add
2. Subtract
3. Multiply
4. Divide
Enter choice (1/2/3/4): 1
Enter first number: 5
Enter second number: 5
Result: 10.0

=== Code Execution Successful ===