```python
Import time

Def start_stopwatch()
    Global start_time
    Start_time = time.time()


Def pause_stopwatch():
    Global start_time, elapsed_time
    If start_time:
        Elapsed_time += time.time() – start_time
        Start_time = 0


Def reset_stopwatch():
    Global start_time, elapsed_time
    Start_time = 0
    Elapsed_time = 0


Def display_time():
    Hours, remainder = divmod(elapsed_time, 3600)
    Minutes, seconds = divmod(remainder, 60)
    Print(f"Elapsed time: {int(hours):02d}:{int(minutes):02d}:{int(seconds):02d}")


If __name__ == "__main__":
    Start_time = 0
    Elapsed_time = 0


    While True:
```

```
Print("\nMenu:")

Print("1. Start Stopwatch")

Print("2. Pause Stopwatch")

Print("3. Reset Stopwatch")

Print("4. Display Elapsed Time")

Print("5. Exit")

Choice = int(input("Enter your choice: "))


If choice == 1:

    Start_stopwatch()

Elif choice == 2:

    Pause_stopwatch()

Elif choice == 3:

    Reset_stopwatch()

Elif choice == 4:

    Display_time()

Elif choice == 5:

    Break

Else:

    Print("Invalid choice.")
```