**Pseudocode for Glasgow Hotel Program**

1. Display "Welcome to the Hotel Booking System"

2. Display "Please enter your name: "

3. Input guest\_name

5. Display "How many nights are you staying? "

6. Input number\_of\_nights

7. Calculate total\_cost = number\_of\_nights \* 75

8. Display "Invoice for", guest\_name

9. Display "Number of Nights:", number\_of\_nights

10. Display "Total Cost: £", total\_cost

11. Display "Thank you for choosing our hotel. Have a pleasant stay!"