Write a program that receives an integer an input. If a string is entered instead of #an integer, then report an error and give another chance to user to enter an integer. #Continue this process till correct input is supplied.

```
while True:
    try:
        # Try to receive an integer input
        num = int(input("Please enter an integer: "))
        print(f"Thank you! You entered the integer: {num}")
        break # Exit the loop if input is valid
    except ValueError:
        # Handle the case when the input is not an integer
        print("Error: That was not an integer. Please try again.")

Please enter an integer: 1.2
    Error: That was not an integer. Please try again.
    Please enter an integer: 9
    Thank you! You entered the integer: 9
```