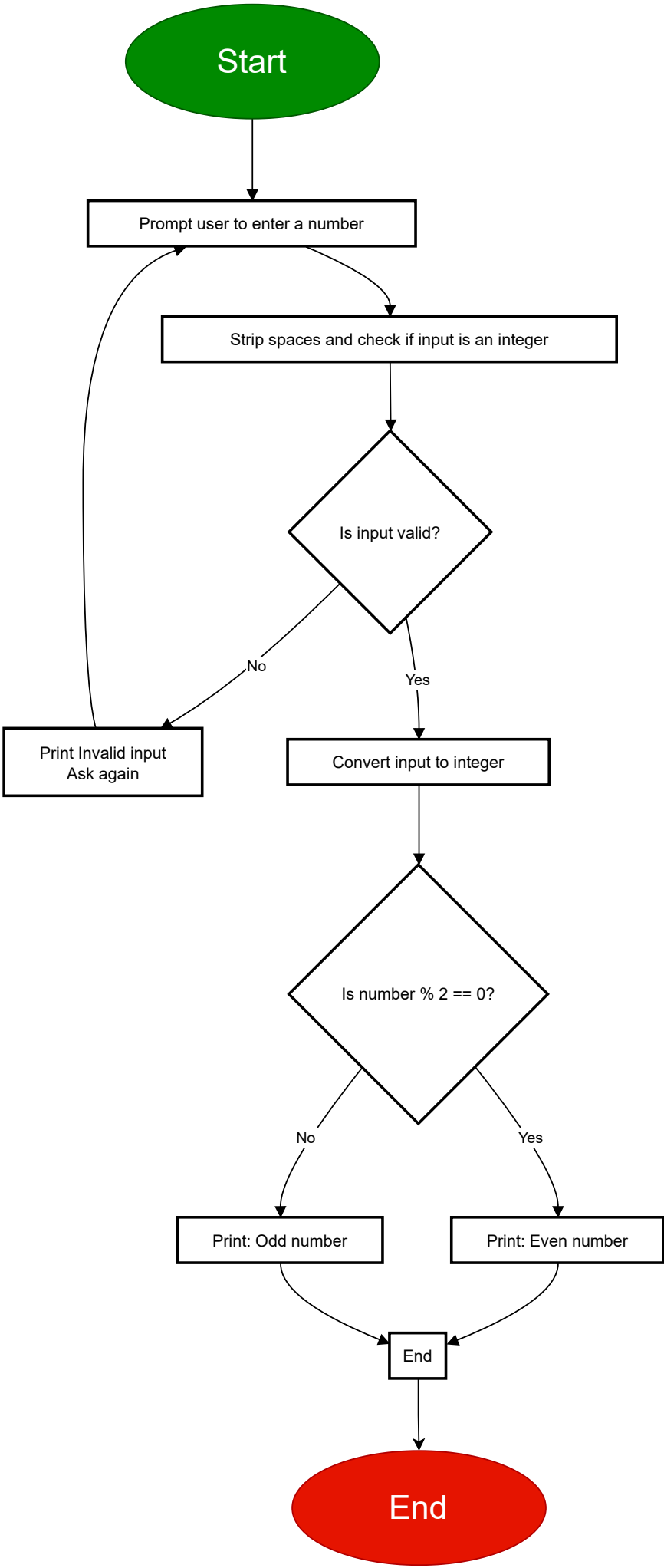## 2. Enter the number from the user and depending on whether the number is even or odd, print out an appropriate message to the user.


```python
def check_even_odd():
    while True:
        user_input = input("Please enter a number: ").strip()

        # Input validation
        if user_input.lstrip('-').isdigit():
            num = int(user_input)

            if num % 2 == 0:
                print("☑ This is an even number (samaan sankhya).")
            else:
                print("◇ This is an odd number (visam sankhya).")
            break
        else:
            print("✖ Invalid input. Please enter a valid integer.")

if __name__ == "__main__":
    check_even_odd()
```