

```
# Initialize variables to store the sum and count
total = 0
count = 0

# Read 10 numbers from the keyboard
for i in range(10):
    try:
        num = float(input(f"({i + 1}) Enter any number: "))
        total += num
        count += 1
    except ValueError:
        print("Invalid input. Please enter a valid number.")

# Calculate the average
if count > 0:
    average = total / count
    print(f"Sum of the numbers: {total}")
    print(f"Average of the numbers: {average}")
else:
    print("No valid numbers were entered.")
```