

5.2 Write a program that repeatedly prompts a user for integer numbers until the user enters 'done'. Once 'done' is entered, print out the largest and smallest of the numbers. If the user enters anything other than a valid number catch it with a try/except and put out an appropriate message and ignore the number. Enter 7, 2, bob, 10, and 4 and match the output below.

**Check Code****Reset Code**

```
1 largest = None
2 smallest = None
3
4 while True:
5     user_input = input("Enter a number (or 'done' to finish): ")
6
7     if user_input.lower() == 'done':
8         break
9
10    try:
11        number = int(user_input)
12    except ValueError:
13        print("Invalid input")
14        continue
15
16    # Update largest and smallest
17    if largest is None or number > largest:
18        largest = number
19    if smallest is None or number < smallest:
20        smallest = number
21
22 # Print results
23 print("Maximum is", largest)
24 print("Minimum is", smallest)
25
```

**Your Output****Desired Output**

```
Invalid input
Maximum is 10
Minimum is 2
```

Setting: Hide editor This software is based on Skulpt and CodeMirror. The source code for this auto-grader is available on GitHub.