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1  # CS241 Checkpoint 9A
2  # Written by Chad Macbeth
3
4  done = False
5  while not done:
6      try:  # If the user types in an letter instead of a number, then
7             # python will stop and display a ValueError.  Instead of letting
8             # python stop the program, we will catch the ValueError exception
9             number = int(input("Enter a number: "))
10             done = True
11     except ValueError:
12         print("The value entered is not valid")  # If the exception happens, done = True
13                                                 # will not run.
14                                                 # When an exception occurs in a Try
15                                                 # block, it jumps
16                                                 # down to except block immediately
17
18 print("The result is: {}".format(number * 2))
```