**Week 7 : Program**

**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.

Explanation:

largest = None

smallest = None

while True:

try:

num = input("Enter a number: ")

if num == "done":

break

n=int(num)

if largest is None:

largest = n

if n > largest:

largest = n

if smallest is None:

smallest = n

if n < smallest:

smallest = n

except:

print ("Invalid input")

print ("Maximum is", largest)

print ("Minimum is", smallest)