ASSIGNMENT-6

import pdb pdb.set\_trace()

a=int (input enter a number:")) b=int (input ("enter second number:")) sum = a+b

print ("sum:", sum)

Output:-> a=int(input("enter a number:")) (Pdb) s

enter a number:24

* /Users/maheedhar/program.c/lab4\_1.py(4)<module>()

-> b=int(input("enter second number:")) (Pdb) s

enter second number:49

* /Users/maheedhar/program.c/lab4\_1.py(5)<module>()

-> sum=a+b (Pdb) s

* /Users/maheedhar/program.c/lab4\_1.py(6)<module>()

-> print("sum:",sum) (Pdb) s

sum: 73

--Return--

* /User/maheedhar/program.c/lab4\_1.py(6)<module>()->None

-> print("sum:",sum) (Pdb) s

-> a=int(input("enter a number:")) (Pdb) n

enter a number:24

* /Users/maheedhar/program.c/lab4\_1.py(4)<module>()

-> b=int(input("enter second number:")) (Pdb) n

enter second number:49

* /Users/maheedhar/program.c/lab4\_1.py(5)<module>()

-> sum=a+b (Pdb) n

* /Users/maheedhar/program.c/lab4\_1.py(6)<module>()

-> print("sum:",sum) (Pdb) n

sum: 73

--Return--

* /Users/maheedhar/program.c/lab4\_1.py(6)<module>()->None

-> print("sum:",sum) (Pdb) n

-> a=int(input("enter a number:")) (Pdb) c

enter a number:24

enter second number:49 sum: 73

import pdb pdb.set\_trace()

n=int(input("enter a number:")) if n<10:

print("single digit") else:

print("double digit") for i in range(25,1,-3):

print(i)

Output:

-> n=int(input("enter a number:")) (Pdb) c

enter a number:4 single digit

25

22

19

16

13

10

7

4

import pdb pdb.set\_trace()

a=int(input("enter first number:")) b=int(input("enter second number:")) c=int(input("enter third number:")) if a>b and a>c:

print("a is largest") elif b>a and b>c:

print("b is largest") else:

print("c is largest")

Output:

-> a=int(input("enter first number:")) (Pdb) break 6

Breakpoint 1 at /Users/maheedhar/program.c/lab4\_3.py:6 (Pdb) break 8

Breakpoint 2 at /Users/mahhedhar/program.c/lab4\_3.py:8 (Pdb) break

Num Type Disp Enb Where

1. breakpoint keep yes at /Users/maheedhar/program.c/lab4\_3.py:6
2. breakpoint keep yes at /Users/maheedhar/program.c/lab4\_3.py:8 (Pdb) disable 1

Disabled breakpoint 1 at /Users/maheedhar/program.c/lab4\_3.py:6 (Pdb) enable 2

Enabled breakpoint 2 at /Users/maheedhar/program.c/lab4\_3.py:8 (Pdb) clear 1

Deleted breakpoint 1 at /Users/maheedhar/program.c/lab4\_3.py:6 (Pdb) c

enter first number:2 enter second number:34 enter third number:4

* /Users/maheedhar/program.c/lab4\_3.py(8)<module>()

-> elif b>a and b>c: (Pdb) c

b is largest

import pdb pdb.set\_trace()

marks=int(input("enter marks:")) if 90<marks<100:

print("Grade:S") elif 80<marks<=90:

print("Grade:A") elif 70<marks<=80:

print("Grade:B") elif 60<marks<=70:

print("Grade:C") elif 50<marks<=60:

print("Grade:D") elif 40<marks<=50:

print("Grade:E") else:

print("Fail")

Output:

-> marks=int(input("enter marks:"))

(Pdb) break 6

Breakpoint 1 at /Users/maheedhar/program.c/lab4\_3\_2.py:6 (Pdb) break 8

Breakpoint 2 at /Users/maheedhar /program.c/lab4\_3\_2.py:8 (Pdb) break 10

Breakpoint 3 at /Users/maheedhar/program.c/lab4\_3\_2.py:10 (Pdb) break

Num Type Disp Enb Where

1. breakpoint keep yes at /Users/maheedhar/program.c/lab4\_3\_2.py:6
2. breakpoint keep yes at /Users/maheedhar/program.c/lab4\_3\_2.py:8
3. breakpoint keep yes at /Users/maheedhar/program.c/lab4\_3\_2.py:10 (Pdb) enable 2

Enabled breakpoint 2 at /Users/maheedhar/program.c/lab4\_3\_2.py:8 (Pdb) clear 3

Deleted breakpoint 3 at /Users/maheedhar /program.c/lab4\_3\_2.py:10 (Pdb) c

enter marks:78

* /Users/maheedhar/program.c/lab4\_3\_2.py(6)<module>()

-> elif 80<marks<=90:

(Pdb) c

* /User/maheedhar/program.c/lab4\_3\_2.py(8)<module>()

-> elif 70<marks<=80: (Pdb) c

Grade:B

l=input('enter values:').split(" ") a=input("enter value to be searched:")

for i in range(len(l)): if a == l[i]:

print("position:",i) print('count is:',l.count(a))

Output:

enter values:2 3 4 5 6 8 9 2 1 2 enter value to be searched:2 position: 0

position: 7

position: 9

count is: 3

i=1 s=0

while i<=10: s=s+1 i+=1

avg=s/10

print("the sum of first 10 numbers is",s) print("the average of first 10 numbers is",avg)

Output:

the sum of first 10 numbers is 10

the average of first 10 numbers is 1.0

string='python is easy' yes="yes " print(yes+string)

Output:

yes python is easy

a=int(input("enter first number:")) b=int(input("enter second number:")) x=a

a=b b=x

print(a,b)

a=int(input("enter first number:")) b=int(input("enter second number:")) a=a+b

b=a-b a=a-b

print(a,b)

Output:

enter first number:34 enter second number:56 56 34

enter first number:89 enter second number:76 76 89