int(odd_values_string('python'))

Assignment Questions

1) Print 10 natural numbers using while loop.

```
# sum of natural numbers up to num
num=10
if num<10:
    print("Enter a positive number")
else:
    Sum = 0
    #Sum use while loop to iterate until ze
    while (num>0):
        Sum+=num
        num-=1
    Print("The Sum is", Sum)
```

2) write a python program to sort array elemen in the ascending/descending order?

ANS:- numbers = [1, 3, 4, 2]

```
# sorting list of Integers in ascending numbers
Print(numbers)                    .sort()
```

output
[1,2,3,4]

3) write a python program to find the maximum and minimum number in a list of 10 elements and also find the index position of the following numbers.

```
#function to find minimum and maximum
 position in list
def minimum(a,n):
    # inbuilt function to find the position of
      minimum
    minpos = a.index(max(a))
    #printing the position
    print "The maximum is at position", maxpos+1
    print "The minimum is at position", minpos+1
    #driver code
    a=[3,4,1,3,4,5]
    minimum(a,len(a))
```

4) write a python program to find the intersectio of elements is from two list.

Ans:

```
# intersection of two lists
def intertwo list(A,B):
    C=[i for i in A if i in B]
    return
```

```
# Driver code
A = List ()
B=List ()
n= int (input("Enter the size of the List::"))
print("Enter the element of first list::")
for i in range (int(n)):
    K= int (input(" "))
    A.append (K)
Print("Enter the element of second list::")
for i in range (int(n)):
    K= int (input (" "))
    B.append (K)
print("The Final list is ::>", intertwolist(A,B))
```

5) write a python program to fetch only Email ID from text file which include following fields:-

i) Name

ii) Mobile number

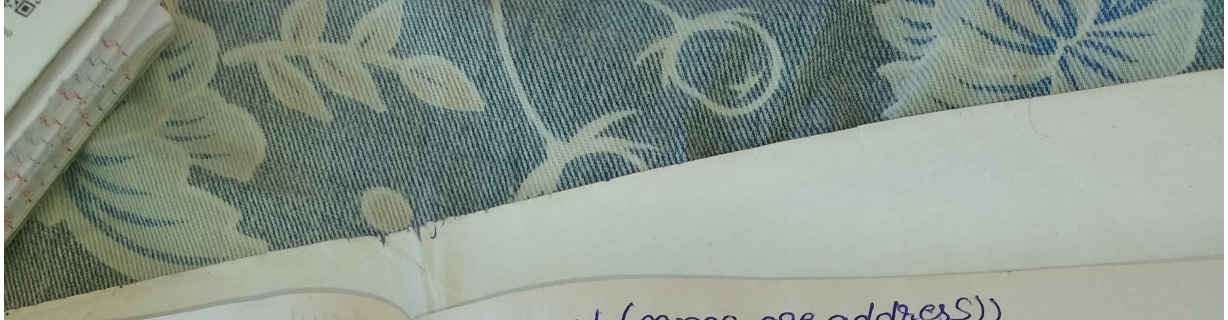
iii) Roll No

iv) Email ID.

```
def personal-details():
    name, age = "Simon", 19
    address = "Bangalore, Karnataka, India"
    print ("Name: {} \n Age : { } \n Address :{}.
```

format (name,

personal-details



format (name, age, address))

personal_details()

of the list::"))

of first list::")

second list::")

>", intertwolist(A,B))

to fetch only Email ID

lude following fields: