IT Workshop Assignment 3 :

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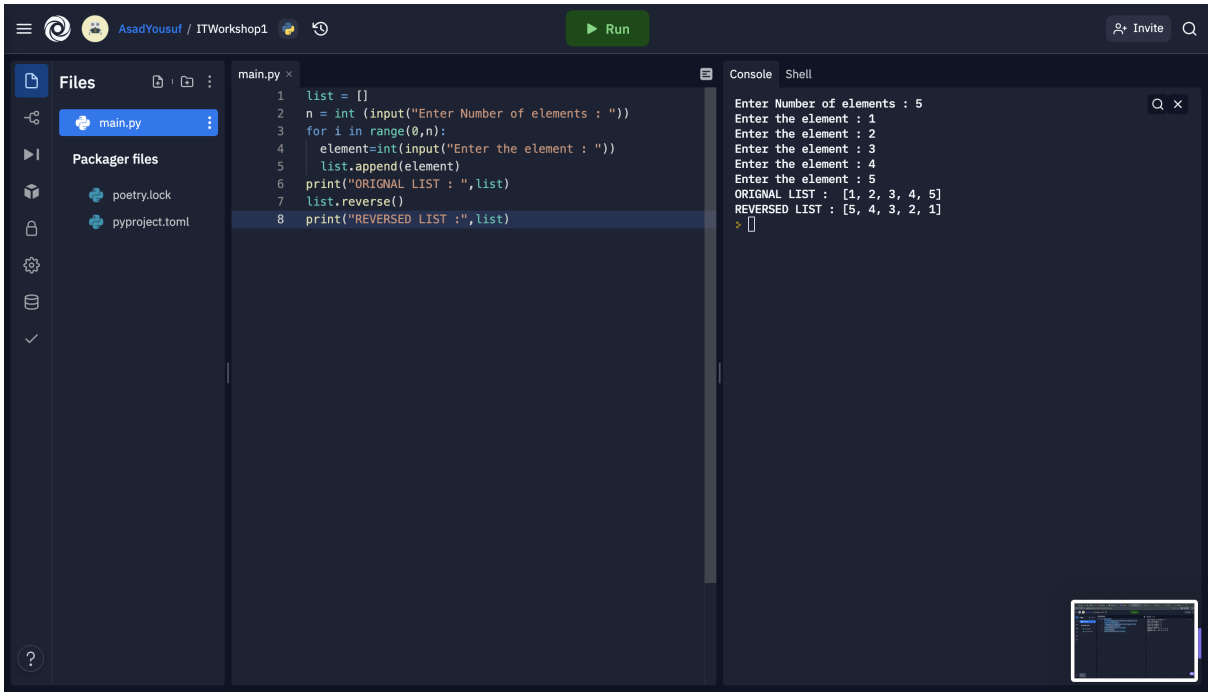
Section : E(IT)

Reverse a list :

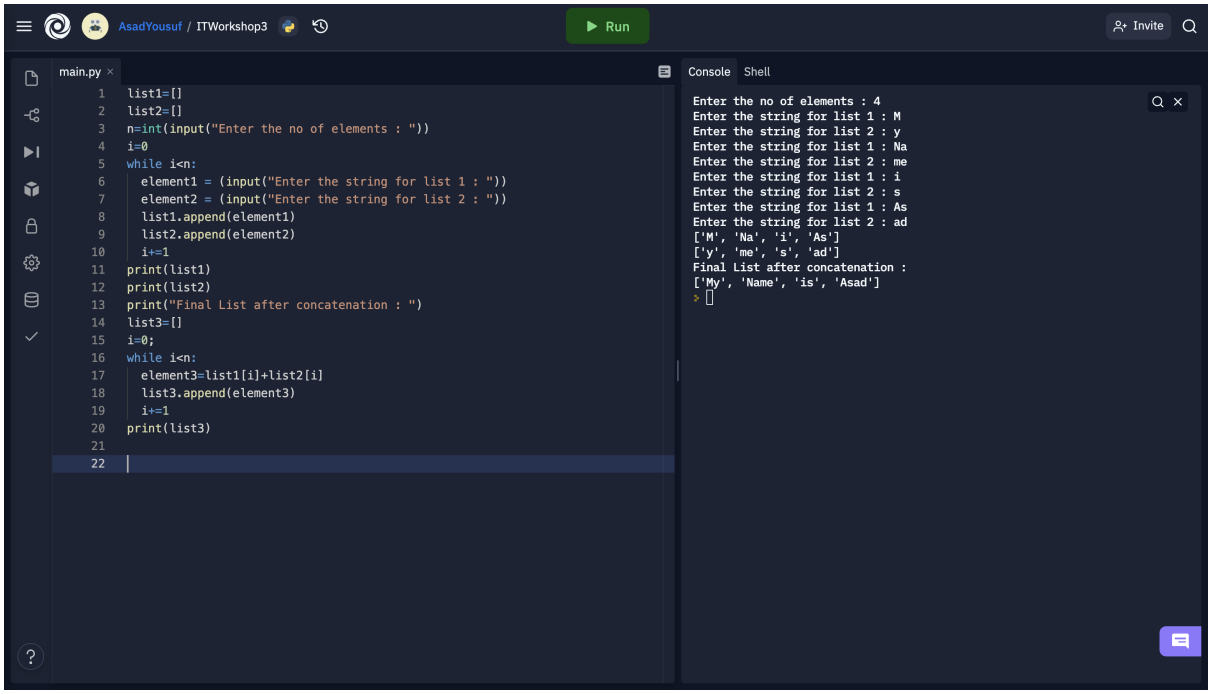
```
list = []
n = int (input("Enter Number of elements : "))
for i in range(0,n):
  element=int(input("Enter the element : "))
  list.append(element)
print("ORIGNAL LIST : ",list)
list.reverse()
print("REVERSED LIST :",list)
```



Question 1

```
list1=[]
list2=[]
n=int(input("Enter the no of elements : "))
i=0
```

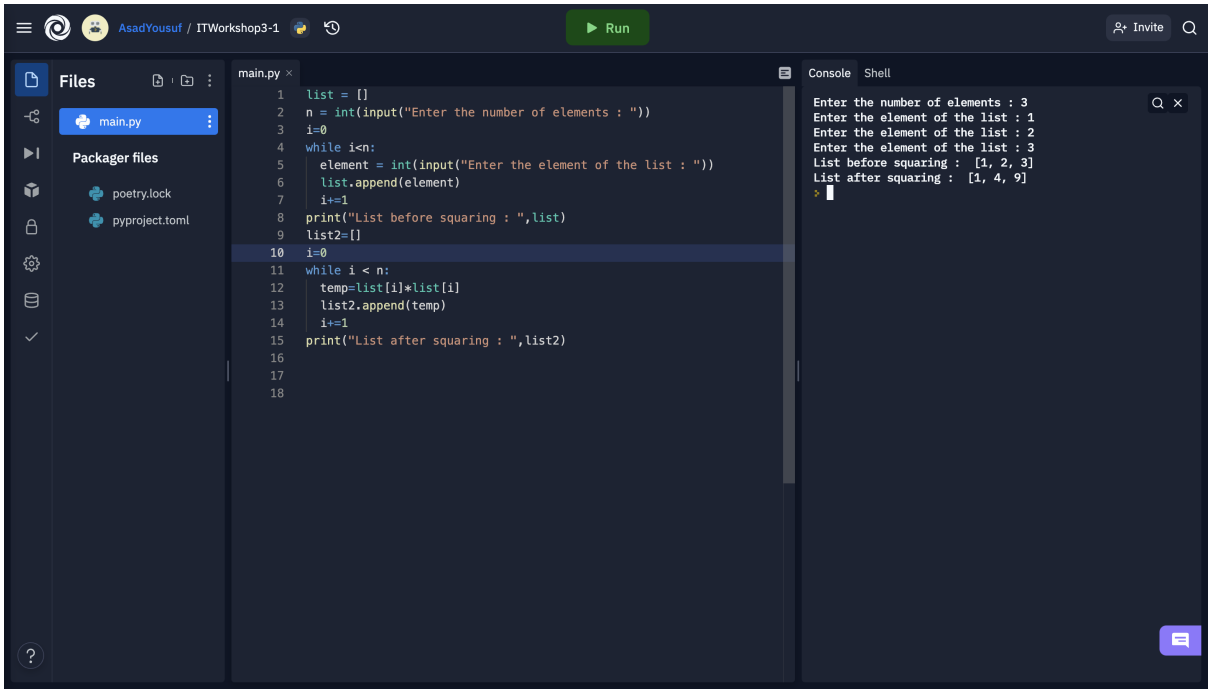
```
while i<n:
  element1 = (input("Enter the string for list 1 : "))
  element2 = (input("Enter the string for list 2 : "))
  list1.append(element1)
  list2.append(element2)
  i+=1
print(list1)
print(list2)
print("Final List after concatenation : ")
list3=[]
i=0;
while i<n:
  element3=list1[i]+list2[i]
  list3.append(element3)
  i+=1
print(list3)
```



Question 2

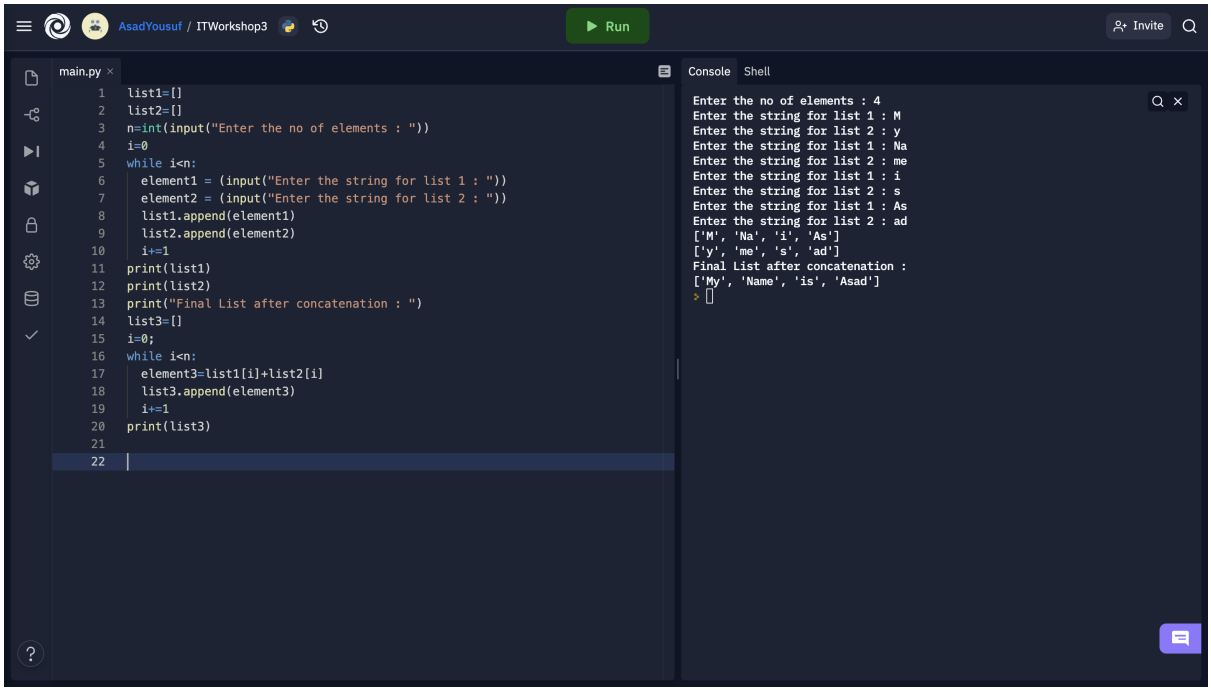
```
list = []
n = int(input("Enter the number of elements : "))
i=0
while i<n:
  element = int(input("Enter the element of the list : "))
  list.append(element)
  i+=1
print("List before squaring : ",list)
list2=[]
i=0
while i < n:
  temp=list[i]*list[i]
```

```
  list2.append(temp)
  i+=1
print("List after squaring : ",list2)
```



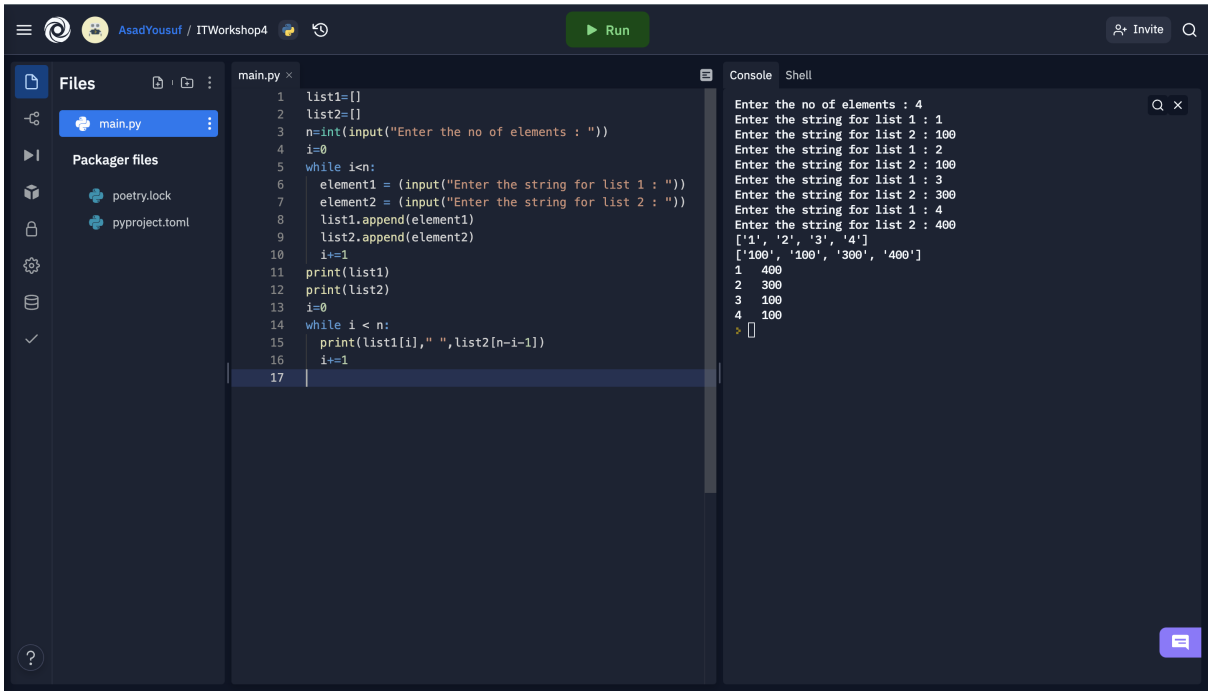
Question 3

```
list1=[]
list2=[]
n=int(input("Enter the no of elements : "))
i=0
while i<n:
  element1 = (input("Enter the string for list 1 : "))
  element2 = (input("Enter the string for list 2 : "))
  list1.append(element1)
  list2.append(element2)
  i+=1
print(list1)
print(list2)
print("Final List after concatenation : ")
list3=[]
i=0;
while i<n:
  element3=list1[i]+" "+list2[i]
  print(element3)
  i+=1
```



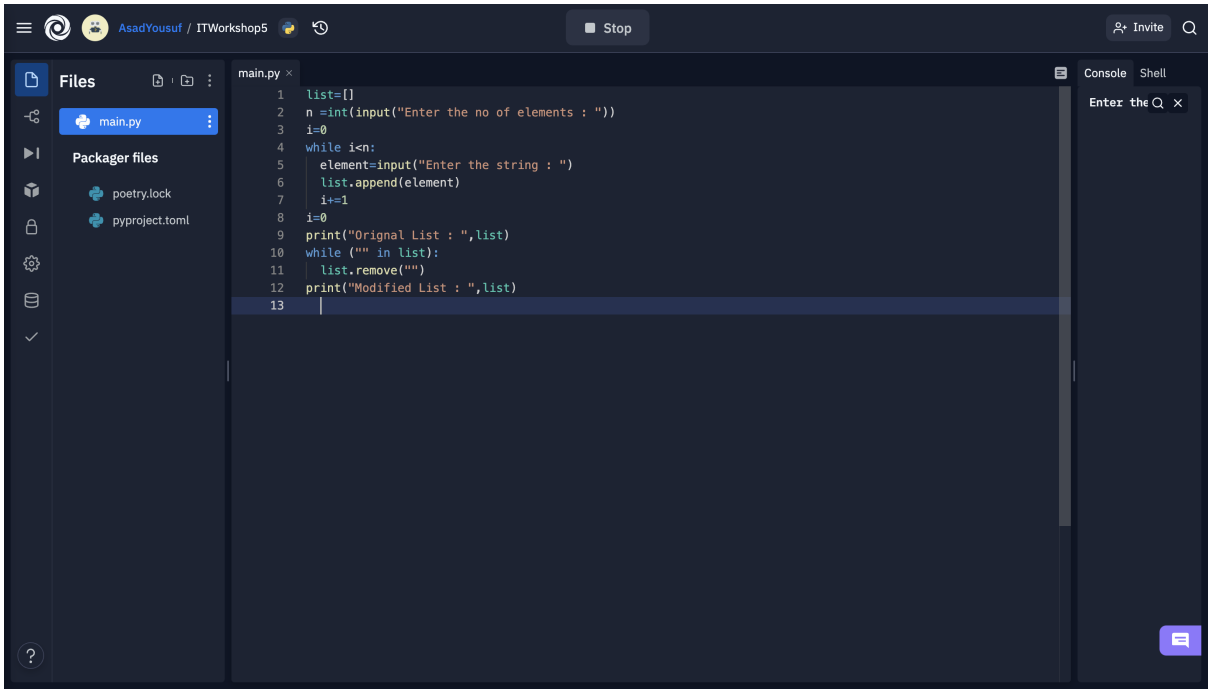
Question 4

```
list1=[]
list2=[]
n=int(input("Enter the no of elements : "))
i=0
while i<n:
  element1 = (input("Enter the string for list 1 : "))
  element2 = (input("Enter the string for list 2 : "))
  list1.append(element1)
  list2.append(element2)
  i+=1
print(list1)
print(list2)
i=0
while i < n:
  print(list1[i]," ",list2[n-i-1])
  i+=1
```



Question 5

```
list=[]
n =int(input("Enter the no of elements : "))
i=0
while i<n:
  element=input("Enter the string : ")
  list.append(element)
  i+=1
i=0
print("Orignal List : ",list)
while ("" in list):
  list.remove("")
print("Modified List : ",list)
```


AsadYousuf / ITWorkshop5
Stop
Invite
Files
main.py
Packager files
poetry.lock
pyproject.toml
main.py
list=[]
n =int(input("Enter the no of elements : "))
i=0
while i<n:
element=input("Enter the string : ")
list.append(element)
i+=1
i=0
print("Orignal List : ",list)
while ("" in list):
list.remove("")
print("Modified List : ",list)
Console
Shell
Enter the