**Tasks:**

**1. enter your name 100 times**

str=input("Enter your name here: ")  
  
for i in range(100):  
 print(str)  
  
**2. even or odd number**  
  
num=int(input("Enter the number: "))  
  
if num%2 == 0:  
 print(f"the number is even: {num}")  
else:  
 print(f"the number is odd: {num}")  
  
**3. write a program to print 7 th table**  
  
num=int(input("Enter the number: "))  
  
def seven\_table(value):  
 for i in range(1,11):  
  
 print(value, "x", i ,"=",value\*i)  
  
seven\_table(num)  
  
  
**4. python program to find max and minimum**  
  
a=535  
b=53  
  
print("maximum number is: ",max(a,b)) #opt : maximum number is 90  
  
print("minimum number is: ",min(a,b)) #opt: minimum number is 3  
  
**5. find the maximum number**  
  
list=[535,24,224,66,78,686,46,96,56,32,10,5]  
  
print("the maximum number: ",max(list))  
  
# opt: the maximum number: 686  
  
**list operations:**  
  
**# 1. create the list**  
list\_items=[1,2,55,33,67,54,"santosh","peddinti",166.35]  
  
# access the list items  
  
for str in range(len(list\_items)):  
 print(list\_items[str])  
  
  
# opt:  
  
# 1  
# 2  
# 55  
# 33  
# 67  
# 54  
# santosh  
# peddinti  
# 166.35  
  
**# 2. change the list items**  
list\_items=[1,2,55,33,67,54,"santosh","peddinti",166.35]  
  
list\_items[6]="srinu"  
  
print(list\_items)  
  
#opt: [1, 2, 55, 33, 67, 54, 'srinu', 'peddinti', 166.35]  
  
**# 3. replace the list items**  
  
list\_items=[1,2,55,33,67,54,"santosh","peddinti",166.35]  
  
list\_items[6]="sekhar"  
list\_items[7]="chatla"  
  
print(list\_items)  
  
# opt: [1, 2, 55, 33, 67, 54, 'sekhar', 'chatla', 166.35]  
  
  
**# 4. append the values into the list**  
  
  
list\_items=[1,2,55,33,67,54,"santosh","peddinti",166.35]  
  
list\_items.append("mahesh")  
list\_items.append("swarna")  
list\_items.append("vizag")  
  
print(list\_items)  
  
# opt: [1, 2, 55, 33, 67, 54, 'santosh', 'peddinti', 166.35, 'mahesh', 'swarna', 'vizag']  
  
**# 5. insert the new items into the list**  
list\_items=[1,2,54,"santosh","peddinti",166.35]  
  
list\_items.insert(1,"manibabu")  
list\_items.insert(5,"gopinadh")  
  
print(list\_items)  
  
#opt: [1, 'manibabu', 2, 54, 'santosh', 'gopinadh', 'peddinti', 166.35]  
  
  
**# 6. extend the items in the list**  
  
list\_items=[1,2,54,"santosh","peddinti",166.35]  
  
list\_items.extend([535])  
list\_items.extend([1535])  
  
print(list\_items)  
  
# opt:  
  
# [1, 2, 54, 'santosh', 'peddinti', 166.35, 535, 1535]  
  
**# 7. remove the items into the list**  
  
  
list\_items=[1,2,54,"santosh","peddinti",166.35]  
  
list\_items.remove("santosh")  
list\_items.remove("peddinti")  
  
print(list\_items)  
  
# opt: [1, 2, 54, 166.35]  
  
**# 8. clear the entire list**  
list\_items=[1,2,54,"santosh","peddinti",166.35]  
  
list\_items.clear()  
  
print(list\_items)  
  
# opt: []