a = "Hello"  
b = 'hello'  
print(a)  
print(b)  
  
#Miltiline string  
p = """Hello  
there"""  
print(p)  
  
#User input  
#name = input("Enter your Name : ")  
#print(name)  
  
#Index of string  
#print(name , "starts with",name[0])  
  
  
#String properties  
#Length of string  
#print(name , "contains", len(name) ,"length")  
#String uppercase  
#print(str.upper(name))  
#String lowercase  
#print(str.lower(name))  
  
  
#String and Number Conversion  
char = 'a'  
print(ord(char))  
  
print(chr(101))  
  
txx ="Hey there my name is Aqeel Javaid"  
  
if("Aqeel" in txx):  
 print("Aqeel in present in:" , txx)  
  
if "Hello" not in txx:  
 print("Hello in not present in:", txx)  
  
#Slicing  
b = "Hello, World!"  
print(b[1:8])  
print(b[:6])  
print(b[2:])  
  
#Remove whitespaces  
c = " Hello, World!"  
print(c.strip())  
print(c.replace("Hello","Goodbye"))  
print(c.replace(" ","-"))  
  
  
#String Concatinate  
a="Hello"  
b="World"  
print(a+b)  
print(a+" "+b)  
  
#String formating Place holder  
quantity=5  
item\_num=1007  
price= 4.95  
myOrder="I want {} pieces of item {} for {} dollars"  
finalOrder = myOrder.format(quantity,item\_num,price)  
print(finalOrder)  
  
  
#Escape Characters  
txt="We are so called \"Vikkings\" from North"  
print(txt)  
  
#For loop  
#for x in name:  
# print(x)

Tasks:

# Task 1  
name = "Aqeel Javaid"  
age = 25  
semester = "6th"  
education\_level = "Under Graduation"  
general\_abilities = "Python Porgrammer"  
  
# Remove white spaces  
print(name.replace(" ", ""))  
  
# String Formating  
intro = "I am {} and {} year old {} student.Currently i am in {} semester and i want to become a {}"  
final\_intro = intro.format(name, age, education\_level, semester, general\_abilities)  
print(final\_intro)  
  
# Escape sequence  
abilities = "\"Python Porgrammer\""  
print(final\_intro.replace("Python Porgrammer", abilities))  
  
# String Slicing  
print(name[1:7])  
  
# Task 2  
#Sring Taverse  
# #For loop  
for x in name:  
 print(x)  
  
  
#String Reverse  
print(name[::-1])